Jeep®

2015 Cherokee

OPERATING INFORMATION

15KL-126-ARA-AA

OWNER REGISTRATION CERTIFICATE

Selling Dealer
Stamp

Selling Dealer
Signature _____

VIN | | | | | | | | | | | | | | | | |

Make _____

Model _____

DATE OF REG.: Day | | Month | | Year | |

Registration No.
or License No. _____

_____

OWNER: _____

ADDRESS: _____

_____

_____

_____

_____

Telephone Number:

Private _____

Business _____

I have provided and explained the following:

OPERATING MANUAL
(Vehicle Handbook) ☐

VEHICLE ☐

PRE DELIVERY INSPECTION ☐

CUSTOMER
SIGNATURE: _____

DEALER
SIGNATURE: _____

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INTRODUCTION

Congratulations on selecting your new Chrysler Group LLC vehicle. Be assured that it represents precision workmanship, distinctive styling, and high quality - all essentials that are traditional to our vehicles.

This is a specialized utility vehicle. It can go places and perform tasks that conventional passenger cars are not intended. It handles and maneuvers differently from many passenger cars both on-road and off-road, so take time to become familiar with your vehicle.

The two-wheel drive version of this vehicle was designed for on-road use only. It is not intended for off-road driving or use in other severe conditions suited for a four-wheel drive vehicle.

Before you start to drive this vehicle, read the Owner's Manual and all the Supplements. Be sure you are familiar with all vehicle controls, particularly those used for braking, steering, and transmission and power transfer unit shifting. Learn how your vehicle handles on different road surfaces. Your driving skills will improve with experience, but as in driving any vehicle, take it easy as you begin. When driving off-road or working the vehicle, don't overload it or expect it to overcome the forces of nature. Always observe local laws wherever you drive.

As with other vehicles of this type, failure to operate this vehicle correctly may result in loss of control or a collision. Be sure to read the "On-Road/ Off-Road Driving Tips" in "Starting And Operating" for further information.

NOTE:

After reviewing the owner information, it should be stored in the vehicle for convenient referencing and remain with the vehicle when sold.

Failure to operate this vehicle correctly may result in loss of control or a collision.

Operating this vehicle at excessive speeds or while intoxicated may result in loss of control, collision with other vehicles or objects, going off the road, or overturning; any of which may lead to serious injury or death. Also, failure to use seat belts subjects the driver and passengers to a greater risk of injury or death.

To keep your vehicle running at its best, have your vehicle serviced at recommended intervals by an authorized dealer or distributor who has the qualified personnel, special tools and equipment to perform all service.

The manufacturer and its distributors are vitally interested in your complete satisfaction with this vehicle. If you encounter a service or warranty problem which is not resolved to your satisfaction, discuss the matter with your authorized dealer or distributor's management.

Your authorized dealer or distributor will be happy to assist you with any questions about your vehicle.

ROLLOVER WARNING

Utility vehicles have a significantly higher rollover rate than other types of vehicles. This vehicle has a higher ground clearance and a higher center of gravity than many passenger cars. It is capable of performing better in a wide variety of off-road applications. Driven in an unsafe manner, all vehicles can go out of control. Because of the higher center of gravity, if this vehicle is out of control it may roll over when some other vehicles may not.

Do not attempt sharp turns, abrupt maneuvers, or other unsafe driving actions that can cause loss of vehicle control. Failure to operate this vehicle safely may result in a collision, rollover of the vehicle, and severe or fatal injury. Drive carefully.

WARNING: HIGHER ROLLOVER RISK
Avoid Abrupt Maneuvers and Excessive Speed.
Always Buckle Up.
See Owner's Manual For Further Information
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Rollover Warning Label

Failure to use the driver and passenger seat belts provided is a major cause of severe or fatal injury. In a rollover crash, an unbelted person is significantly more likely to die than a person wearing a seat belt. Always buckle up.

IMPORTANT NOTICE

ALL MATERIAL CONTAINED IN THIS PUBLICATION IS BASED ON THE LATEST INFORMATION AVAILABLE AT TIME OF PUBLICATION APPROVAL. THE RIGHT IS RESERVED TO PUBLISH REVISIONS AT ANY TIME.

This Owner's Manual has been prepared with the assistance of service and engineering specialists to acquaint you with the operation and maintenance of your new vehicle. It is supplemented by a Warranty Information Booklet and various customer-oriented documents. You are urged to read these publications carefully. Following the instructions and recommendations in this Owner's Manual will help assure safe and enjoyable operation of your vehicle.

After you have read the Owner's Manual, it should be stored in the vehicle for convenient reference and remain with the vehicle when sold.

The manufacturer reserves the right to make changes in design and specifications, and/or to make additions to or improvements in its products without imposing any obligations upon itself to install them on products previously manufactured.

The Owner's Manual illustrates and describes the features that are standard or available as extra cost options. Therefore, some of the equipment and accessories in this publication may not appear on your vehicle.

NOTE:

Be sure to read the Owner's Manual first before driving your vehicle and before attaching or installing parts/accessories or making other modifications to the vehicle.

In view of the many replacement parts and accessories from various manufacturers available on the market, the manufacturer cannot be certain that the driving safety of your vehicle will not be impaired by the attachment or installation of such parts. Even if such parts are officially-approved (for example, by a general operating permit for the part or by constructing the part in an officially approved design), or if an individual operating permit was issued for the vehicle after the attachment or installation of such parts, it cannot be implicitly assumed that the driving safety of your vehicle is unimpaired. Therefore, neither experts nor official agencies are liable. The manufacturer only assumes responsibility

when parts, which are expressly authorized or recommended by the manufacturer, are attached or installed at an authorized dealer. The same applies when modifications to the original condition are subsequently made on the manufacturer's vehicles.

Your warranties do not cover any part that the manufacturer did not supply. Nor do they cover the cost of any repairs or adjustments that might be caused or needed because of the installation or use of non-manufacturer parts, components, equipment, materials, or additives. Nor do your warranties cover the costs of repairing damage or conditions caused by any changes to your vehicle that do not comply with the manufacturers specifications.

Original MOPAR® parts and accessories and other products approved by the manufacturer, including qualified advice, are available at your authorized dealer.

When it comes to service, remember that your authorized dealer knows your vehicle best, has the factory-trained technicians and genuine MOPAR® parts, and is interested in your satisfaction.

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HOW TO USE THIS MANUAL

Consult the Table of Contents to determine which section contains the information you desire.

Since the specification of your vehicle depends on the items of equipment ordered, certain descriptions and illustrations may differ from your vehicle's equipment.

The detailed index at the back of this Owner's Manual contains a complete listing of all subjects.

Consult the following table for a description of the symbols that may be used on your vehicle or throughout this Owner's Manual:

WATER IN FUEL
REAR WINDOW WIPER
WINDSHIELD WIPER INTERMITTENT
EXTERIOR BULB FAILURE
HIGH BEAM
TURN SIGNALS
UPPER AIR OUTLET
HEATED SEAT LOW
DOOR LOCK
ADJUSTABLE PEDALS
ELECTRONIC SPEED CONTROL
ESP BAS
ELECTRONIC STABILITY PROGRAM / BRAKE ASSIST SYSTEM
FUEL
REAR WINDOW INTERMITTENT WIPER
WINDSHIELD WASHER
MASTER LIGHTING SWITCH
LOW BEAM
KEY ACTIVATE (POWER OUTLET)
UPPER AND LOWER AIR OUTLET
HEATED SEAT HIGH
WINDOW LIFT
TIRE PRESSURE MONITOR
HILL DESCENT CONTROL
BRAKE
BRAKE SYSTEM WARNING PARKING BRAKE
FUEL FILL SIDE
REAR WINDOW WASHER
WINDSHIELD WASHER FLUID LEVEL
DOME LIGHT
FRONT FOG LIGHT
HOOD RELEASE
LOWER AIR OUTLET
RECIRCULATION
CONVERTIBLE 4 WINDOW DOWN
ELECTRONIC STABILITY CONTROL
AWD!
ALL WHEEL DRIVE
(ABS)
FAILURE OF ANTI-LOCK BRAKING SYSTEM
ENGINE OIL
REAR WINDOW DEFROST
WINDSHIELD, ELECTRICALLY HEATED
PARK LIGHTS
REAR FOG LAMP
LIFTGATE RELEASE AND LIFTGATE OPEN
DEFROST AND LOWER AIR OUTLET
VENTILATING FAN
WINDOW LOCK
ELECTRONIC THROTTLE CONTROL
4WD!
FOUR WHEEL DRIVE
BRAKE
BRAKE SYSTEM WARNING PARKING BRAKE
BATTERY CHARGING
HEATED MIRROR
WINDSHIELD DEFROST
INSTRUMENT PANEL ILLUMINATION
SEAT BELT
SLIDING DOOR
TRUNK / DECK RELEASE
AIR CONDITIONING
CHILD SEAT TETHER ANCHOR
VOICE RECOGNITION BUTTON
WARNING
TOW/ HAUL
TOW / HAUL
GLOW PLUG
POWER STEERING FLUID
WINDSHIELD WIPER AND WASHER
SIDE AIRBAG
AIRBAG
SLIDING DOOR
EMERGENCY RELEASE HANDLE
LIGHTER
LOWER ANCHORS AND TETHER FOR CHILDREN (LATCH)
UCONNECT™ BUTTON
HAZARD
4 LOW
FOUR WHEEL DRIVE LOW
MALFUNCTION INDICATOR LIGHT
TRANS OIL TEMP
ENGINE COOLANT TEMPERATURE
SRS AIRBAG
SUPPLEMENTAL RESTRAINT SYSTEM
PASSENGER AIRBAG OFF
DOOR AJAR
CONVERTIBLE TOP DOWN
CONVERTIBLE TOP UP
HORN
SEE OWNER'S MANUAL ISO
A/C PUSH
AIR CONDITIONER
OFF
ELECTRONIC STABILITY CONTROL OFF

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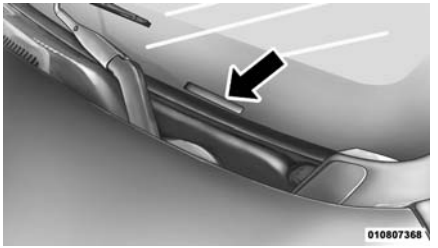
WARNINGS AND CAUTIONS

This Owners Manual contains **WARNINGS** against operating procedures that could result in a collision or bodily injury. It also contains **CAUTIONS** against procedures that could result in damage to your vehicle. If you do not read this entire Owners Manual, you may miss important information. Observe all Warnings and Cautions.

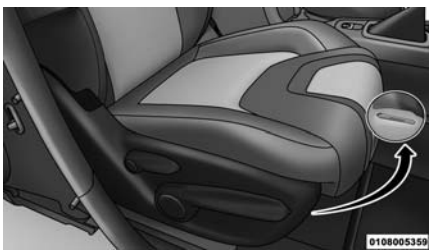
VEHICLE IDENTIFICATION NUMBER

The Vehicle Identification Number (VIN) is found on the left front corner of the instrument panel. The VIN is visible from outside of the vehicle through the windshield. The VIN number also is stamped into the right front body, on the right front seat cross member. With the seat in the rear most position a flap in the carpet can be cut open and lifted to reveal the VIN. It also appears on the Automobile Information Disclosure Label affixed to a window on your vehicle, the vehicle registration, and the title.

The VIN is also stamped on either right or left hand side of the engine block.



Vehicle Identification Number



Right Front Body VIN Location

NOTE:
It is illegal to remove or alter the VIN.

VEHICLE MODIFICATIONS/ ALTERATIONS

WARNING!

Any modifications or alterations to this vehicle could seriously affect its roadworthiness and safety and may lead to a collision resulting in serious injury or death.

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THINGS TO KNOW BEFORE STARTING YOUR VEHICLE

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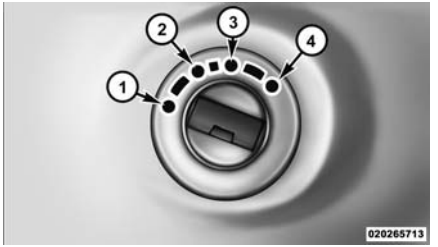
A WORD ABOUT YOUR KEYS

Your vehicle uses either a key start ignition system or keyless ignition system. The key start ignition system consists of a either a Key Fob with Remote Keyless Entry (RKE) transmitter and an Ignition Node Module (IGNM). The keyless ignition system consists of a Key Fob with Remote Keyless Entry (RKE) transmitter and a Keyless Ignition Node (KIN).

Ignition Node Module (IGNM) — If Equipped

The Ignition Node Module (IGNM) operates similar to an ignition switch. It has four operating positions, three with detents and one that is spring-loaded. The detent positions are OFF, ACC, and ON/RUN. The START position is a spring-loaded momentary contact position. When released from the START position, the switch automatically returns to the ON/RUN position.



Ignition Node Module (IGNM)

1 — OFF
2 — ACC (ACCESSORY)
3 — ON/RUN
4 — START

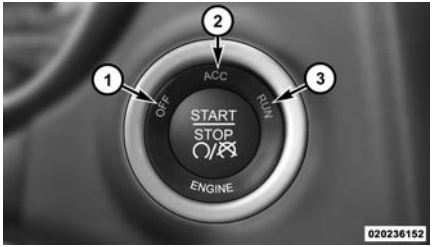
Keyless Ignition Node (KIN)

This feature allows the driver to operate the ignition switch with the push of a button, as long as the Remote Keyless Entry (RKE) transmitter is in the passenger compartment.

The Keyless Ignition Node (KIN System) has four operating positions, three of which are labeled and will illuminate when in position. The three positions are: OFF, ACC, and ON/RUN. The fourth position is START. During start, RUN will illuminate.

NOTE:

In case the ignition switch does not change with the push of a button, the RKE transmitter (Key Fob) may have a low or dead battery. In this situation a back up method can be used to operate the ignition switch. Put the nose side (side opposite of the emergency key) of the Key Fob against the ENGINE START/STOP button and push to operate the ignition switch.



Keyless Ignition Node (KIN System)

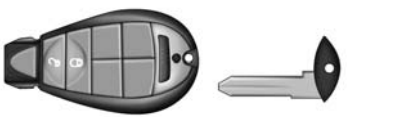
1 — OFF
2 — ACC (ACCESSORY)
3 — ON/RUN

Key Fob — If Equipped

The Key Fob also contains the Remote Keyless Entry (RKE) transmitter and an emergency key, which stores in the rear of the Key Fob.

The emergency key allows for entry into the vehicle should the battery in the vehicle or the Key Fob go dead. You can keep the emergency key with you when valet parking.

To remove the emergency key, slide the mechanical latch on the face of the Key Fob sideways with your thumb and then pull the key out with your other hand.



Emergency Key Removal (IGNM System)

Emergency Key Removal (KIN System)

NOTE:
You can insert the double-sided emergency key into the lock cylinders with either side up.

Ignition Or Accessory On Message

Opening the driver's door when the ignition is in ACC or ON (engine not running), a chime will sound to remind you to place the ignition in the OFF position. In addition to the chime, the ignition or accessory on message will display in the cluster.

NOTE:

The power window switches, radio, power sunroof (if equipped), and power outlets will remain active for up to 10 minutes after the ignition is cycled to the OFF position. Opening either front door will cancel this feature. The time for this feature is programmable. Refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

WARNING!

- When leaving the vehicle, always remove the Key Fob from the vehicle and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle.

(Continued)

WARNING! ***(Continued)***

- Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.
- Do not leave the Key Fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go™ in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.
- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.

CAUTION!

An unlocked car is an invitation to thieves. Always remove key from the ignition and lock all doors when leaving the vehicle unattended.

STEERING WHEEL LOCK — IF EQUIPPED

Your vehicle may be equipped with a passive electronic steering wheel lock. This lock prevents steering the vehicle with the ignition OFF. The steering wheel lock releases with the ignition On. If the lock does not disengage and the vehicle does not start, turn the wheel to the left and right to disengage the lock.

To Manually Lock The Steering Wheel

With the engine running, rotate the steering wheel one-quarter revolution in either direction, turn off the engine and remove the key. Turn the steering wheel slightly in either direction until the lock engages.

To Release The Steering Wheel Lock

Cycle the ignition and start the engine.

NOTE:

If you turned the wheel to the right to engage the lock, you must turn the wheel slightly to the right to disengage it. If you turned the wheel to the left to engage the lock, turn the wheel slightly to the left to disengage it.

SENTRY KEY®

The Sentry Key® Immobilizer system prevents unauthorized vehicle operation by disabling the engine. The system does not need to be armed or activated. Operation is automatic, regardless of whether the vehicle is locked or unlocked.

The system uses a Key Fob with a factory-mated Remote Keyless Entry (RKE) transmitter, a Keyless Ignition Node (KIN) and a RF receiver to prevent unauthorized vehicle operation. Therefore, only Key Fobs that are programmed to the vehicle can be used to start and operate the vehicle. The system will not allow the engine to crank if an invalid Key Fob.

After placing the ignition to the ON/RUN position, the Vehicle Security Light will turn on for three seconds for a bulb check. If the light remains on after the bulb check, it indicates that there is a problem with the system. In addition, if the light begins to flash after the bulb check, it indicates that someone used an invalid Key Fob to start the engine. Either of these conditions will result in the engine being shut off after two seconds.

If the Vehicle Security Light turns on during normal vehicle operation (vehicle running for longer than 10 seconds), it indicates that there is a fault in the system. Should this occur, have the vehicle serviced as soon as possible by an authorized dealer.

CAUTION!

- Do not make modifications or alterations to the immobilizer system. Modifications or alterations to the immobilization system may result in a loss of security protection.

(Continued)

CAUTION! ***(Continued)***

- The Sentry Key® Immobilizer system is not compatible with some aftermarket remote starting systems. Use of these systems may result in vehicle starting problems and loss of security protection.

All of the Key Fobs provided with your new vehicle have been programmed to the vehicle electronics.

Replacement Keys

NOTE:

Only Key Fobs that are programmed to the vehicle electronics can be used to start and operate the vehicle. Once a Key Fob is programmed to a vehicle, it cannot be programmed to any other vehicle.

CAUTION!

- Always remove the Key Fobs from the vehicle and lock all doors when leaving the vehicle unattended.
- For vehicles equipped with Keyless Enter-N-Go™, always remember to place the ignition in the OFF position.

At the time of purchase, the original owner is provided with a four-digit Personal Identification Number (PIN). Keep the PIN in a secure location. This number is required for authorized dealer replacement of Key Fobs. Duplication of Key Fobs may be performed at an authorized dealer. This procedure consists of programming a blank Key Fob to the vehicle electronics. A blank Key Fob is one that has never been programmed.

NOTE:

When having the Sentry Key® Immobilizer System serviced, bring all vehicle keys with you to an authorized dealer.

Customer Key Programming

Programming Key Fobs or RKE transmitters may be performed at an authorized dealer.

General Information

The Sentry Key® operates on a carrier frequency of 433.92 MHz. The Sentry Key® Immobilizer system is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference that may be received, including interference that may cause undesired operation.

VEHICLE SECURITY ALARM — IF EQUIPPED

This Vehicle Security Alarm monitors the vehicle doors, hood, liftgate, and ignition for unauthorized operation. While the Vehicle Security Alarm is armed, interior switches for door locks and liftgate release are disabled. If something triggers the Vehicle Security Alarm the horn will sound for 29 seconds and turn off all of the visual signals after an additional 31 seconds. If the triggering device is not deactivated, the horn will sound again after a five second delay for another 29 seconds. If the trigger remains present, this cycle will repeat for up to five minutes.

To Arm The System

Follow these steps to arm the Vehicle Security Alarm:

1. Make sure the vehicles ignition is cycled to the “OFF” position (refer to "Starting Procedures" in "Starting And Operating" for further information).

- For vehicles equipped with Keyless Enter-N-Go™, make sure the vehicle ignition system is OFF.
- For vehicles not equipped with Keyless Enter-N-Go™, make sure the vehicle ignition system is OFF and the key is physically removed from the ignition.

2. Perform one of the following methods to lock the vehicle:

- Push LOCK on the interior power door lock switch with the driver and/or passenger door open.

- Push the LOCK button on the exterior Passive Entry Door Handle with a valid Key Fob available in the same exterior zone (refer to "Keyless Enter-N-Go™" in "Things To Know Before Starting Your Vehicle" for further information).
- Push the LOCK button on the Remote Keyless Entry (RKE) transmitter.

3. If any doors are open, close them.

To Disarm The System

The Vehicle Security Alarm can be disarmed using any of the following methods:

- Press the UNLOCK button on the Remote Keyless Entry (RKE) transmitter.
- Grasp the Passive Entry Unlock Door Handle with a valid Key Fob available in the same exterior zone (if equipped), refer to "Keyless Enter-N-Go™ " in "Things To Know Before Starting Your Vehicle" for further information.
- Cycle the vehicle ignition system out of the OFF position.
  - For vehicles equipped with Keyless Enter-N-Go™ , press the Keyless Enter-N-Go™ Start/Stop button (requires at least one valid Key Fob in the vehicle).
  - For vehicles not equipped with Keyless Enter-N-Go™ , insert a valid key into the ignition switch and turn the key to the ON position.

NOTE:

- **The driver's door key cylinder and the liftgate button on the RKE transmitter cannot arm or disarm the Vehicle Security Alarm.**
- **The Vehicle Security Alarm remains armed during power liftgate entry. Pressing the liftgate button will not disarm the Vehicle Security Alarm. If someone enters the vehicle through the liftgate and opens any door the alarm will sound.**
- **When the Vehicle Security Alarm is armed, the interior power door lock switches will not unlock the doors.**

The Vehicle Security Alarm is designed to protect your vehicle; however, you can create conditions where the system will give you a false alarm. If one of the previously described arming sequences has occurred, the Vehicle Security Alarm will arm regardless of whether you are in the vehicle or not. If you remain in the vehicle and open a door, the alarm will sound. If this occurs, disarm the Vehicle Security Alarm.

If the Vehicle Security Alarm is armed and the battery becomes disconnected, the Vehicle Security Alarm will remain armed when the battery is reconnected; the exterior lights will flash, the horn will sound. If this occurs, disarm the Vehicle Security Alarm.

Security System Manual Override

The Vehicle Security Alarm will not arm if you lock the doors using the manual door lock plunger.

ILLUMINATED ENTRY

The courtesy lights will turn on when you use the Remote Keyless Entry (RKE) transmitter to unlock the doors or open any door.

This feature also turns on the approach lighting in the outside mirrors — if equipped. Refer to "Mirrors" in "Understanding The Features Of Your Vehicle" for further information.

The lights will fade to off after approximately 30 seconds or they will immediately fade to off once the ignition switch is turned to ON/RUN from the OFF position.

NOTE:

- **The front courtesy overhead console and door courtesy lights do not turn on if the dimmer control is in the "Dome defeat" position (extreme bottom position).**
- **The Illuminated Entry system will not operate if the dimmer control is in the "Dome defeat" position (extreme bottom position).**

REMOTE KEYLESS ENTRY (RKE)

The RKE system allows you to lock or unlock the doors and open the power liftgate from distances up to approximately 66 ft (20 m) using a hand-held Key Fob with RKE transmitter. The RKE transmitter does not need to be pointed at the vehicle to activate the system.

NOTE:
Driving at speeds 5 mph (8 km/h) and above disables the system from responding to all RKE transmitter buttons for all RKE transmitters.

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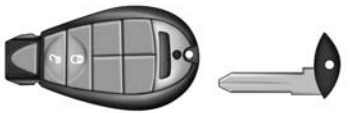
Emergency Key Removal (KIN)



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Emergency Key Removal (IGNM)

To Unlock The Doors And Liftgate

Push and release the UNLOCK button on the RKE transmitter once to unlock the driver's door or twice within five seconds to unlock all doors and liftgate. The turn signal lights will flash to acknowledge the unlock signal. The illuminated entry system will also turn on.

If the vehicle is equipped with Passive Entry, refer to "Keyless Enter-N-Go™" in "Things To Know Before Starting Your Vehicle" for further information.

1st Push Of Key Fob Unlocks
This feature lets you program the system to unlock either the driver's door or all doors on the first push of the UNLOCK button on the RKE transmitter. To change the current setting, refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

Flash Lamps With Lock
This feature will cause the turn signal lights to flash when the doors are locked or unlocked with the RKE transmitter. This feature can be turned on or turned off. To change the current setting, refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

Headlight Illumination On Approach
This feature activates the headlights for up to 90 seconds when the doors are unlocked with the RKE transmitter. The time for this feature is programmable on vehicles equipped through Uconnect®. To change the current setting, refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

To Lock The Doors And Liftgate
Push and release the LOCK button on the RKE transmitter to lock all doors and liftgate. The turn signal lights will flash to acknowledge the signal.

If the vehicle is equipped with Passive Entry, refer to "Keyless Enter-N-Go™" under "Things To Know Before Starting Your Vehicle" for further information.

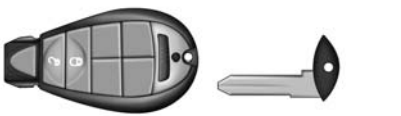
Programming Additional Transmitters
Programming Key Fobs or RKE transmitters may be performed at an authorized dealer.

Transmitter Battery Replacement
The recommended replacement battery is one CR2032 battery.

NOTE:

- **Perchlorate Material — special handling may apply.**
- **Do not touch the battery terminals that are on the back housing or the printed circuit board.**

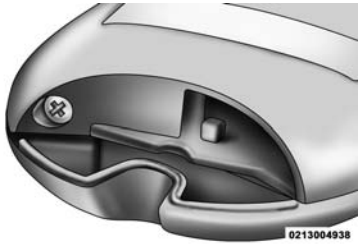
1. Remove the emergency key by sliding the mechanical latch on the back of the RKE transmitter sideways with your thumb and then pull the key out with your other hand.



Emergency Key Removal (IGNM)

Emergency Key Removal (KIN)

2. Separating RKE halves requires screw removal (if equipped) and gently prying the two halves of the RKE transmitter apart with the emergency key. Make sure not to damage the seal during removal.



Remove Screw From Transmitter Case

Separating Ignition Node Module (IGNM) Transmitter Case

Separating Keyless Ignition Node (KIN) Transmitter Case

3. Remove the battery by turning the back cover over (battery facing downward) and tapping it lightly on a solid surface such as a table or similar, then replace the battery. When replacing the battery, match the + sign on the battery to the + sign on the inside of the battery clip, located on the back cover. Avoid touching the new battery with your fingers. Skin oils may cause battery deterioration. If you touch a battery, clean it with rubbing alcohol.

4. To assemble the RKE transmitter case, snap the two halves together.

General Information

Transmitter and receivers operate on a carrier frequency of 433.92 MHz. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation. If your RKE transmitter fails to operate from a normal distance, check for these two conditions:

1. A weak battery in the transmitter. The expected life of the battery is a minimum of three years.
2. Closeness to a radio transmitter such as a radio station tower, airport transmitter, and some mobile or CB radios.

DOOR LOCKS

Manual Door Locks

To lock each door, rotate the door lock knob on each door trim panel forward. To unlock the front doors, pull the inside door handle to the first detent or rotate the door lock button until the red indicator is visible. To unlock the rear doors, rotate the door lock button until the red indicator is visible.

If the door lock button is locked (no red indicator visible) when you shut the door, the door will lock. Therefore, make sure the Key Fob is not inside the vehicle before closing the door.

NOTE:

The manual door locks will not lock or unlock the liftgate.

WARNING!

- For personal security and safety in the event of a collision, lock the vehicle doors before you drive as well as when you park and leave the vehicle.
- When leaving the vehicle, always remove the Key Fob from the vehicle and lock your vehicle. Unsupervised use of vehicle equipment may cause severe personal injuries or death.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the gear selector.

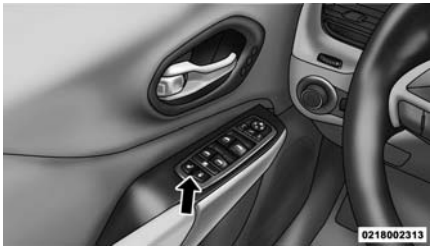
(Continued)

WARNING! ***(Continued)***

- Do not leave the Key Fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go™ in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.

Power Door Locks

A power door lock switch is located on each of the front door trim panels. Use this switch to lock or unlock the doors and liftgate.



Power Door Lock Switch

The doors can also be locked and unlocked with the Keyless Enter-N-Go™ (Passive Entry) system. For further information, refer to "Keyless Enter-N-Go™" in "Things To Know Before Starting Your Vehicle".

If you push the power door lock switch while the ignition is in the ACC or ON/RUN position, and any front door is open, the power locks will not operate. This prevents you from accidentally locking the Key Fob in the vehicle. Place the ignition to the OFF position or closing the door will allow the locks to operate. If a door is open, and the ignition is in the ACC or ON/RUN position, a chime will sound as a reminder to remove the Key Fob.

Automatic Door Locks — If Equipped

The auto door lock feature default condition is enabled. When enabled, the door locks will lock automatically when the vehicle's speed exceeds 15 mph (24 km/h). The auto door lock feature can be enabled or disabled by your authorized dealer or through the Uconnect® Settings in your radio.

Automatic Unlock Doors On Exit

The doors will unlock automatically on vehicles with power door locks if:

1. The Automatic Unlock Doors On Exit feature is enabled.
2. All doors are closed.
3. The transmission shift lever was not in PARK, then is placed in PARK.
4. Any door is opened.

Automatic Unlock Doors On Exit Programming

To change the current setting, refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

NOTE:

Use the Automatic Unlock Doors On Exit feature in accordance with local laws.

Child-Protection Door Lock System — Rear Doors

To provide a safer environment for small children riding in the rear seats, the rear doors are equipped with a Child-Protection Door Lock system.

To use the system, open each rear door, use a flat blade screwdriver (or ignition key) and rotate the dial to the LOCK or UNLOCK position. When the system on a door is engaged, that door can only be opened by using the outside door handle even if the inside door lock is in the unlocked position.

Child-Protection Door Lock Function

NOTE:

- **When the child lock system is engaged, the door can be opened only by using the outside door handle even though the inside door lock is in the unlocked position.**
- **After disengaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the desired position.**
- **After engaging the Child-Protection Door Lock system, always test the door from the inside to make certain it is in the desired position.**
- **For emergency exit with the system engaged, move the lock knob up (unlocked position), roll down the window, and open the door with the outside door handle.**

WARNING!

Avoid trapping anyone in a vehicle in a collision. Remember that the rear doors can only be opened from the outside when the Child-Protection locks are engaged.

KEYLESS ENTER-N-GO™

The Passive Entry system is an enhancement to the vehicle's Remote Keyless Entry (RKE) system and a feature of Keyless Enter-N-Go™. This feature allows you to lock and unlock the vehicle's door(s) without having to push the RKE transmitter lock or unlock buttons.

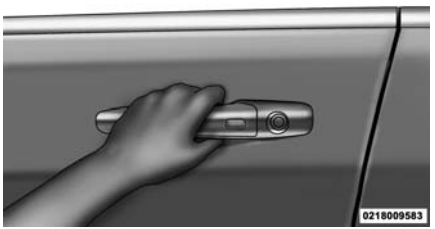
NOTE:

- **Passive Entry may be programmed ON/OFF; refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.**

- **If wearing gloves on your hands, or if it has been raining on the Passive Entry door handle, the unlock sensitivity can be affected, resulting in a slower response time.**
- **If the vehicle is unlocked by the Passive Entry Door Handle and no door goes ajar within 60 seconds, the vehicle will re-lock and if equipped will arm the security alarm.**

To Unlock From The Driver's Side

With a valid Passive Entry RKE transmitter within 5 ft (1.5 m) of the driver's door handle, grab the front driver door handle to unlock the driver's door automatically.



Grab The Door Handle To Unlock

NOTE:
If "Unlock All Doors 1st Press" is programmed all doors will unlock when you grab hold of the front driver's door handle. To select between "Unlock Driver Door 1st Press" and "Unlock All Doors 1st Press", refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

To Unlock From The Passenger Side

With a valid Passive Entry RKE transmitter within 5 ft (1.5 m) of the passenger door handle, grab the front passenger door handle to unlock all four doors and the liftgate automatically.

NOTE:
All doors will unlock when the front passenger door handle is grabbed regardless of the driver's door unlock preference setting ("Unlock Driver Door 1st Press" or "Unlock All Doors 1st Press").

Preventing Inadvertent Locking Of Passive Entry RKE Transmitter In Vehicle (FOBIK-Safe)

To minimize the possibility of unintentionally locking a Passive Entry RKE transmitter inside your vehicle, the Passive Entry system is equipped with an automatic door unlock feature which will function if the ignition switch is in the OFF position.

FOBIK-Safe only executes in vehicles with passive entry. There are three situations that trigger a FOBIK-Safe search in any passive entry vehicle:

1. A lock request is made by a valid Passive Entry RKE transmitter while a door is ajar.
2. A lock request is made by the Passive Entry door handle while a door is ajar.
3. A lock request is made by the door panel switch while the door is ajar.

When any of these situations occur, after all ajar doors are shut, the FOBIK-Safe search will be executed. If it finds a Passive Entry RKE transmitter inside the car and it does not find any

Passive Entry RKE transmitters outside the car, then the car will unlock and alert the customer.

NOTE:

The vehicle will only unlock the doors when a valid Passive Entry RKE transmitter is detected inside the vehicle, and no valid Passive Entry RKE transmitter is detected outside the vehicle. The vehicle will not unlock the doors when any of the following conditions are true:

- **The doors are manually locked using the door lock knobs.**
- **There is a valid Passive Entry RKE transmitter outside the vehicle and within 5 ft (1.5 m) of either Passive Entry door handle.**
- **Three attempts are made to lock the doors using the door panel switch and then close the doors**

To Unlock/Enter The Liftgate

The liftgate passive entry unlock feature is built into the electronic liftgate release. With a valid Passive Entry RKE transmitter within 3 ft (1.0 m) of the liftgate, push the electronic liftgate release to open with one fluid motion.

NOTE:

If "Unlock All Doors 1st Press" is programmed in EVIC/DID if equipped, all doors will unlock when you push the electronic release on the liftgate. If ″Unlock Driver Door 1st Press″ is programmed in Uconnect®, the liftgate will unlock when you push the electronic release on the liftgate For further information, refer to "Uconnect®" in "Understanding Your Instrument Panel".

To Lock The Liftgate

With a valid Passive Entry RKE transmitter within 3 ft (1.0 m) of the liftgate, push the passive entry lock button located to the right of electronic liftgate release.

NOTE:

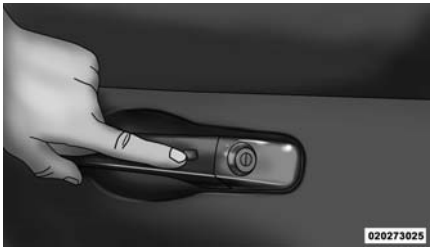
The liftgate passive entry lock button will only lock the liftgate, the liftgate unlock feature is built into the electronic liftgate release.

Electronic Liftgate Release/Liftgate Passive Entry Location

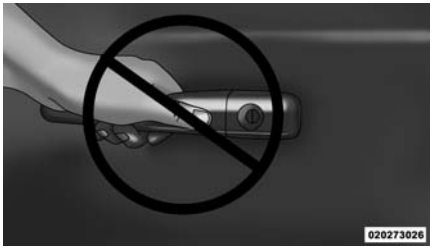
To Lock The Vehicle's Doors And Liftgate

With one of the vehicle's Passive Entry RKE transmitters within 5 ft (1.5 m) of the driver or passenger front door handles, push the door handle LOCK button to lock all four doors.

Do NOT grab the door handle, when pushing the door handle lock button. This could unlock the door(s).



Push The Door Handle Button To Lock



DO NOT Grab The Door Handle When Locking

NOTE:

- **After pushing the door handle button, you must wait two seconds before you can lock or unlock the doors, using either Passive Entry door handle. This is done to allow you to check if the vehicle is locked by pulling the door handle, without the vehicle reacting and unlocking.**
- **If Passive Entry is disabled using Uconnect® System, the key protection described in "Preventing Inadvertent Locking of Passive Entry RKE Transmitter in Vehicle" remains active/functional.**
- **The Passive Entry system will not operate if the RKE transmitter battery is dead.**

The vehicle doors can also be locked by using the lock button located on the vehicle's interior door panel.

WINDOWS

Power Windows

The window controls on the driver's door control all the door windows.

Power Window Switches

There are single window controls on each passenger door trim panel, which operate the pas-

senger door windows. The window controls will operate only when the ignition is in the ACC or ON/RUN position.

NOTE:

For vehicles equipped with the Uconnect®, the power window switches will remain active for up to 10 minutes after the ignition is cycled to the OFF position. Opening either front door will cancel this feature. The time is programmable. Refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

WARNING!

Never leave children unattended in a vehicle, and do not let children play with power windows. Do not leave the Key Fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go™ in the ACC or ON/RUN mode. Occupants, particularly unattended children, can be-

(Continued)

WARNING! ***(Continued)***

come entrapped by the windows while operating the power window switches. Such entrapment may result in serious injury or death.

AUTO-Down Feature

The driver door power window switch and some model passenger door power window switches have an AUTO-down feature. Push the window switch to the second detent, release, and the window will go down automatically.

To open the window part way, push the window switch to the first detent and release it when you want the window to stop.

To stop the window from going all the way down during the AUTO-down operation, pull up on the switch briefly.

AUTO-Up Feature With Anti-Pinch Protection

Lift the window switch to the second detent, release, and the window will go up automatically.

To stop the window from going all the way up during the AUTO operation, push down on the switch briefly.

To close the window part way, lift the window switch to the first detent and release it when you want the window to stop.

NOTE:

- **If the window runs into any obstacle during auto-closure, it will reverse direction and then go back down. Remove the obstacle and use the window switch again to close the window.**
- **Any impact due to rough road conditions may trigger the auto-reverse function unexpectedly during auto-closure. If this happens, pull the switch lightly to the first detent and hold to close the window manually.**

WARNING!

There is no anti-pinch protection when the window is almost closed. Be sure to clear all objects from the window before closing.

Reset Auto-Up
Should the Auto Up feature stop working, the window probably needs to be reset. To reset Auto Up:

1. Pull the window switch up to close the window completely and continue to hold the switch up for an additional two seconds after the window is closed.
2. Push the window switch down firmly to the second detent to open the window completely and continue to hold the switch down for an additional two seconds after the window is fully open.

Window Lockout Switch
The window lockout switch on the driver's door trim panel allows you to disable the window controls on the rear passenger doors. To disable the window controls, push and release the window lockout button (setting it in the DOWN position). To enable the window controls, push and release the window lockout button again (setting it in the UP position).

Window Lockout Switch

Wind Buffeting
Wind buffeting can be described as the perception of pressure on the ears or a helicopter-type sound in the ears. Your vehicle may exhibit wind buffeting with the windows down, or the sunroof in certain open or partially open positions. This is a normal occurrence and can be minimized. If the buffeting occurs with the rear windows open, then open the front and rear windows together to minimize the buffeting. If the buffeting occurs with the sunroof open, adjust the sunroof opening to minimize the buffeting or open any window.

LIFTGATE
To Unlock/Enter The Liftgate

The liftgate passive entry unlock feature is built into the electronic liftgate release. With a valid Passive Entry RKE transmitter within 3 ft (1.0 m) of the liftgate, press the electronic liftgate release to open with one fluid motion.

NOTE:
If "Unlock All Doors 1st Press" is programmed in EVIC/DID if equipped, all doors will unlock when you push the electronic release on the liftgate. If "Unlock Driver Door 1st press" is programmed in Uconnect®, the liftgate will unlock when you press the electronic release on the liftgate For further information, refer to "Uconnect®" in "Understanding Your Instrument Panel".

To Lock The Liftgate

With a valid Passive Entry RKE transmitter within 3 ft (1.0 m) of the liftgate, press the passive entry lock button located to the right of electronic liftgate release.

NOTE:
The liftgate passive entry lock button will only lock the liftgate, the liftgate unlock feature is built into the electronic liftgate release.

Liftgate Entry

NOTE:
Use the power door LOCK switch on either front door trim panel or the Remote Keyless Entry (RKE) transmitter to lock and unlock the liftgate. The manual door locks on the doors and the driver's door lock cylinder will not lock and unlock the liftgate.

WARNING!

Driving with the liftgate open can allow poisonous exhaust gases into your vehicle. You and your passengers could be injured by these fumes. Keep the liftgate closed when you are operating the vehicle.

Power Liftgate — If Equipped

The power liftgate may be opened by pushing the electronic liftgate release (refer to Keyless Enter-N-Go™ located in Things To Know Before Starting) or by pushing the LIFTGATE button on the Remote Keyless Entry (RKE) transmitter. Push the LIFTGATE button on the RKE transmitter twice within five seconds, to open the power liftgate. Once the liftgate is open, pushing the button twice within five seconds a second time will close the liftgate.

The power liftgate may also be opened or closed by pushing the LIFTGATE button located on the left side of the steering wheel on the instrument panel, or closed by pushing the LIFTGATE button located on left rear trim panel, near the liftgate opening. Push the LIFTGATE button located on left rear trim panel once will close the liftgate only, this button cannot be used to open the liftgate.

When the LIFTGATE button on the RKE transmitter is pushed two times, the turn signals will flash twice to signal that the liftgate is opening or closing (if Flash Lamps with Lock is enabled in the Uconnect® settings) and the liftgate chime will be audible. For further information, refer to "Uconnect®" in "Understanding Your Instrument Panel".

NOTE:

- **In the event of a power malfunction to the liftgate, an emergency liftgate latch release can be used to open the liftgate. The emergency liftgate latch release can be accessed through a snap-in cover located on the liftgate trim panel.**
- **If liftgate is left open for an extended period of time, the liftgate may need to be closed manually to reset power liftgate functionality.**

WARNING!

During power operation, personal injury or cargo damage may occur. Ensure the liftgate travel path is clear. Make sure the liftgate is closed and latched before driving away.

NOTE:

- **The power liftgate buttons will not operate if the vehicle is in gear or the vehicle speed is above 0 mph (0 km/h).**
- **The power liftgate will not operate in temperatures below –22°F (–30°C) or temperatures above 150°F (65°C). Be sure to remove any buildup of snow or ice from the liftgate before pushing any of the power liftgate switches.**
- **If anything obstructs the power liftgate while it is closing or opening, the liftgate will automatically reverse to the closed or open position, provided it meets sufficient resistance.**
- **There are also pinch sensors attached to the side of the liftgate. Light pressure anywhere along these strips will cause the liftgate to return to the open position.**
- **The power liftgate must be in the full open position for rear liftgate close button on the left rear trim, near the liftgate opening to operate. If the liftgate is not fully open, push the Liftgate button on the Key Fob to fully open the liftgate, and then push it again to close.**
- **If the electronic liftgate release is pushed while the power liftgate is closing, the liftgate will reverse to the full open position.**
- **If the electronic liftgate release is pushed while the power liftgate is opening, the liftgate motor will disengage to allow manual operation.**
- **If the power liftgate encounters multiple obstructions within the same cycle, the system will automatically stop and the liftgate must be opened or closed manually.**
- **If your liftgate is power closing and you put the vehicle in gear, the liftgate will continue to power close. However, vehicle movement may result in a detection of an obstruction.**

WARNING!

- Driving with the liftgate open can allow poisonous exhaust gases into your vehicle. You and your passengers could be injured by these fumes. Keep the liftgate closed when you are operating the vehicle.

(Continued)

WARNING! ***(Continued)***

- If you are required to drive with the liftgate open, make sure that all windows are closed, and the climate control blower switch is set at high speed. Do not use the recirculation mode.

OCCUPANT RESTRAINT SYSTEMS

Some of the most important safety features in your vehicle are the restraint systems:

- Seat Belt Systems
- Supplemental Restraint Systems (SRS) Air Bags
- Child Restraints

Important Safety Precautions

Please pay close attention to the information in this section. It tells you how to use your restraint system properly, to keep you and your passengers as safe as possible.

Here are some simple steps you can take to minimize the risk of harm from a deploying air bag:

1. Children 12 years old and under should always ride buckled up in a vehicle with a rear seat.

Warning Label On Front Passenger Sun Visor

2. If a child from 2 to 12 years old (not in a rear-facing child restraint) must ride in the front passenger seat, move the seat as far back as possible and use the proper child restraint. (Refer to “Child Restraints”)
3. Children that are not big enough to wear the vehicle seat belt properly (Refer to "Child Restraints") should be secured in a vehicle with a rear seat in child restraints or belt-positioning booster seats. Older children who do not use child restraints or belt-positioning booster seats should ride properly buckled up in a vehicle with a rear seat.
4. Never allow children to slide the shoulder belt behind them or under their arm.
5. You should read the instructions provided with your child restraint to make sure that you are using it properly.
6. All occupants should always wear their lap and shoulder belts properly.
7. The driver and front passenger seats should be moved back as far as practical to allow the Advanced Front Air Bags room to inflate.
8. Do not lean against the door or window. If your vehicle has side air bags, and deployment occurs, the side air bags will inflate

forcefully into the space between you and the door and you could be injured.

9. If the air bag system in this vehicle needs to be modified to accommodate a disabled person, contact the Customer Center. Phone numbers are provided under "If You Need Assistance."

WARNING!

- Never place a rear-facing child restraint in front of an air bag. A deploying Passenger Advanced Front Air Bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- Only use rear-facing child restraint in a vehicle with a rear seat.

Seat Belt Systems

Buckle up even though you are an excellent driver, even on short trips. Someone on the road may be a poor driver and could cause a collision that includes you. This can happen far away from home or on your own street.

Research has shown that seat belts save lives, and they can reduce the seriousness of injuries in a collision. Some of the worst injuries happen when people are thrown from the vehicle. Seat belts reduce the possibility of ejection and the risk of injury caused by striking the inside of the vehicle. Everyone in a motor vehicle should be belted at all times.

Enhanced Seat Belt Use Reminder System (BeltAlert)

Front Seat Driver And Passenger BeltAlert

BeltAlert is a feature intended to remind the driver and front passenger to fasten their seat belts. The feature is active whenever the ignition is in the START or ON/RUN position. If the driver or front seat passenger is unbelted, the respective Seat Belt Reminder Light will illuminate solid red and remain on until the seat belt is fastened. The respective Seat Belt Reminder Light will illuminate solid green once the occupied seating position seat belt is buckled.

The BeltAlert warning sequence begins after the vehicle speed is over 5 mph (8 km/h), by blinking the respective Seat Belt Reminder Light and sounding an intermittent chime. Once the sequence starts, it will continue for the entire duration or until the respective seatbelts are fastened. After the sequence completes, the Seat Belt Reminder Light remains illuminated until the respective seat belts are fastened. The driver should instruct all other occupants to fasten their seat belts. If a front seat belt is unbuckled while traveling at speeds greater than 5 mph (8 km/h), BeltAlert will provide both audio and visual notification.

The front passenger seat BeltAlert is not active when the front passenger seat is unoccupied. BeltAlert may be triggered when an animal or heavy object is on the front passenger seat or when the seat is folded flat (if equipped). It is recommended that pets be restrained in the rear seat (if equipped) in pet harnesses or pet carriers that are secured by seat belts, and cargo is properly stowed.

BeltAlert can be activated or deactivated by your authorized dealer. Chrysler Group LLC does not recommend deactivating BeltAlert.

NOTE:

If BeltAlert has been deactivated, the Seat Belt Reminder Light will continue to illuminate while the driver's or outboard front passenger's (if equipped with BeltAlert) seat belt remains unbuckled.

Rear Seat BeltAlert — If Equipped

Rear Seat BeltAlert shows the driver whether the seat belts in the back seat are buckled or unbuckled. When the ignition switch is in the START or ON/RUN position, a Seat Belt Reminder Light turns on for each rear seat position. If the seat belt is buckled, the light for that position will illuminate solid green. If the seat belt is unbuckled, the light will illuminate red. If a rear passenger unbuckles a seat belt that was buckled at the start of the trip, a single chime will sound and the Seat Belt Reminder Light for that position will change from solid green to blinking red. This will alert the driver to stop the vehicle until the rear passenger buckles the seat belt again.

NOTE:

- **If BeltAlert has been deactivated, the Seat Belt Reminder Lights will remain illuminated when the ignition switch is in the START or ON/RUN position.**
- **If all seat belts are buckled when ignition switch is in the START or ON/RUN position, each Seat Belt Reminder Light will illuminate solid green for approximately 30 seconds, then turn off.**

Lap/Shoulder Belts

All seating positions in your vehicle are equipped with lap/shoulder belts.

The seat belt webbing retractor will lock only during very sudden stops or collisions. This feature allows the shoulder part of the seat belt to move freely with you under normal conditions. However, in a collision the seat belt will lock and reduce your risk of striking the inside of the vehicle or being thrown out of the vehicle.

WARNING!

- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, the air bags won't deploy at all. Always wear your seat belt even though you have air bags.
- In a collision, you and your passengers can suffer much greater injuries if you are not properly buckled up. You can strike the interior of your vehicle or other passengers, or you can be thrown out of the vehicle. Always be sure you and others in your vehicle are buckled up properly.
- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.

(Continued)

WARNING! ***(Continued)***

- Be sure everyone in your vehicle is in a seat and using a seat belt properly.
- Wearing your seat belt incorrectly could make your injuries in a collision much worse. You might suffer internal injuries, or you could even slide out of the seat belt. Follow these instructions to wear your seat belt safely and to keep your passengers safe, too.
- Two people should never be belted into a single seat belt. People belted together can crash into one another in a collision, hurting one another badly. Never use a lap/shoulder belt or a lap belt for more than one person, no matter what their size.
- A lap belt worn too high can increase the risk of injury in a collision. The seat belt forces won't be at the strong hip and pelvic bones, but across your abdomen. Always wear the lap part of your seat belt as low as possible and keep it snug.

(Continued)

WARNING! ***(Continued)***

- A twisted seat belt may not protect you properly. In a collision, it could even cut into you. Be sure the seat belt is flat against your body, without twists. If you can't straighten a seat belt in your vehicle, take it to your authorized dealer immediately and have it fixed.
- A seat belt that is buckled into the wrong buckle will not protect you properly. The lap portion could ride too high on your body, possibly causing internal injuries. Always buckle your seat belt into the buckle nearest you.
- A seat belt that is too loose will not protect you properly. In a sudden stop, you could move too far forward, increasing the possibility of injury. Wear your seat belt snugly.

(Continued)

WARNING! ***(Continued)***

- A seat belt that is worn under your arm is dangerous. Your body could strike the inside surfaces of the vehicle in a collision, increasing head and neck injury. A seat belt worn under the arm can cause internal injuries. Ribs aren't as strong as shoulder bones. Wear the seat belt over your shoulder so that your strongest bones will take the force in a collision.
- A shoulder belt placed behind you will not protect you from injury during a collision. You are more likely to hit your head in a collision if you do not wear your shoulder belt. The lap and shoulder belt are meant to be used together.

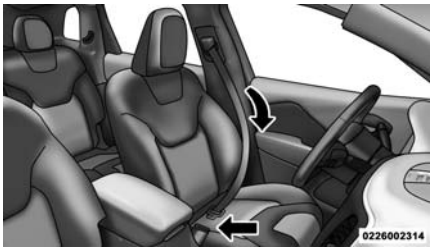
(Continued)

WARNING! ***(Continued)***

- A frayed or torn seat belt could rip apart in a collision and leave you with no protection. Inspect the seat belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the seat belt system. Seat belt assemblies must be replaced after a collision.

Lap/Shoulder Belt Operating Instructions

1. Enter the vehicle and close the door. Sit back and adjust the seat.
2. The seat belt latch plate is above the back of the front seat, and next to your arm in the rear seat (for vehicles equipped with a rear seat). Grasp the latch plate and pull out the seat belt. Slide the latch plate up the webbing as far as necessary to allow the seat belt to go around your lap.



Pulling Out The Latch Plate

3. When the seat belt is long enough to fit, insert the latch plate into the buckle until you hear a “click.”

Inserting Latch Plate Into Buckle

4. Position the lap belt so that it is snug and lies low across your hips, below your abdomen. To remove slack in the lap belt portion, pull up on the shoulder belt. To loosen the lap belt if it is too tight, tilt the latch plate and pull on the lap belt. A snug seat belt reduces the risk of sliding under the seat belt in a collision.

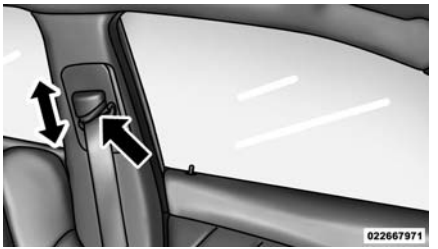
Positioning The Lap Belt

5. Position the shoulder belt across the shoulder and chest with minimal, if any slack so that it is comfortable and not resting on your neck. The retractor will withdraw any slack in the shoulder belt.
6. To release the seat belt, push the red button on the buckle. The seat belt will automatically retract to its stowed position. If necessary, slide the latch plate down the webbing to allow the seat belt to retract fully.

Lap/Shoulder Belt Untwisting Procedure
Use the following procedure to untwist a twisted lap/shoulder belt.

1. Position the latch plate as close as possible to the anchor point.
2. At about 6 to 12 inches (15 to 30 cm) above the latch plate, grasp and twist the seat belt webbing 180° to create a fold that begins immediately above the latch plate.
3. Slide the latch plate upward over the folded webbing. The folded webbing must enter the slot at the top of the latch plate.
4. Continue to slide the latch plate up until it clears the folded webbing and the seat belt is no longer twisted.

Adjustable Upper Shoulder Belt Anchorage
In the driver and front passenger seats, the top of the shoulder belt can be adjusted upward or downward to position the seat belt away from your neck. Push or squeeze the anchorage button to release the anchorage, and move it up or down to the position that serves you best.



Adjustable Anchorage

As a guide, if you are shorter than average, you will prefer the shoulder belt anchorage in a lower position, and if you are taller than average, you will prefer the shoulder belt anchorage in a higher position. After you release the anchorage button, try to move it up or down to make sure that it is locked in position.

NOTE:

The adjustable upper shoulder belt anchorage is equipped with an Easy Up feature. This feature allows the shoulder belt anchorage to be adjusted in the upward position without pushing or squeezing the release button. To verify the shoulder belt anchorage is latched, pull downward on the shoulder belt anchorage until it is locked into position.

Seat Belts And Pregnant Women

We recommend that pregnant women use the seat belts throughout their pregnancy. Keeping the mother safe is the best way to keep the baby safe.

Pregnant women should wear the lap part of the seat belt across the thighs and as snug across the hips as possible. Keep the seat belt low so that it does not come across the abdomen. That way the strong bones of the hips will take the force if there is a collision.

Seat Belt Pretensioner

The front seat belt system is equipped with pretensioning devices that are designed to remove slack from the seat belt in the event of a collision. These devices may improve the performance of the seat belt by removing slack from the seat belt early in a collision. Pretensioners work for all size occupants, including those in child restraints.

NOTE:

These devices are not a substitute for proper seat belt placement by the occupant. The seat belt still must be worn snugly and positioned properly.

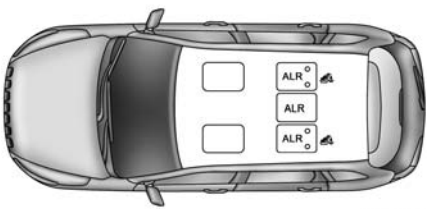
The pretensioners are triggered by the Occupant Restraint Controller (ORC). Like the air bags, the pretensioners are single use items. A deployed pretensioner or a deployed air bag must be replaced immediately.

Energy Management Feature

This vehicle has a seat belt system with an Energy Management feature in the front seating positions that may help further reduce the risk of injury in the event of a collision. This seat belt system has a retractor assembly that is designed to release webbing in a controlled manner.

Automatic Locking Retractor (ALR) — If Equipped

The seat belts in the passenger seating positions may be equipped with a Switchable Automatic Locking Retractor (ALR) which is used to secure a child restraint system. For additional information, refer to “Installing Child Restraints Using The Vehicle Seat Belt” under the “Child Restraints” section of this manual. The table below defines the type of feature for each seating position.



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- ALR = Switchable Automatic Locking Retractor

If the passenger seating position is equipped with an ALR and is being used for normal usage, only pull the seat belt webbing out far enough to comfortably wrap around the occupant's mid-section so as to not activate the ALR. If the ALR is activated, you will hear a clicking sound as the seat belt retracts. Allow the webbing to retract completely in this case and then carefully pull out only the amount of webbing necessary to comfortably wrap around the occupant's mid-section. Slide the latch plate into the buckle until you hear a "click."

In Automatic Locking Mode, the shoulder belt is automatically pre-locked. The seat belt will still retract to remove any slack in the shoulder belt. Use the Automatic Locking Mode anytime a child restraint is installed in a seating position that has a seat belt with this feature. Children 12 years old and under should always be properly restrained in a vehicle with a rear seat.

WARNING!

- Never place a rear-facing child restraint in front of an air bag. A deploying Passenger Advanced Front Air Bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- Only use rear-facing child restraint in a vehicle with a rear seat.

Supplemental Restraint System (SRS)

Air Bag System Components

Your vehicle may be equipped with the following air bag system components:

- Occupant Restraint Controller (ORC)
- Air Bag Warning Light
- Steering Wheel and Column
- Instrument Panel
- Knee Impact Bolsters
- Advanced Front Air Bags
- Supplemental Side Air Bags
- Supplemental Knee Air Bags
- Front and Side Impact Sensors
- Seat Belt Pretenioners
- Seat Belt Buckle Switch
- Occupant Classification System

Advanced Front Air Bags

This vehicle has Advanced Front Air Bags for both the driver and front passenger as a supplement to the seat belt restraint systems. The driver's Advanced Front Air Bag is mounted in the center of the steering wheel. The passenger's Advanced Front Air Bag is mounted in the instrument panel, above the glove compartment. The words "SRS AIRBAG" or "AIRBAG" are embossed on the air bag covers.

Advanced Front Air Bag And Knee Bolster Locations

1 — Driver Advanced Front Air Bag	3 — Supplemental Driver Knee Air Bag/ Driver Knee Impact Bolster
2 — Passenger Advanced Front Air Bag	4 — Passenger Knee Bolster

WARNING!

- Being too close to the steering wheel or instrument panel during Advanced Front Air Bag deployment could cause serious injury, including death. Air bags need room to inflate. Sit back, comfortably extending your arms to reach the steering wheel or instrument panel.
- Never place a rear-facing child restraint in front of an air bag. A deploying Passenger Advanced Front Air Bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- Only use a rear-facing child restraint in a vehicle with a rear seat.

Advanced Front Air Bag Features

The Advanced Front Air Bag system provides output appropriate to the severity and type of collision as determined by the Occupant Restraint Controller (ORC), which may receive information from the front impact sensors or other system components.

This vehicle may be equipped with a driver and/or front passenger seat belt buckle switch that detects whether the driver or front passenger seat belt is buckled. The seat belt buckle switch may adjust the inflation rate of the Advanced Front Air Bags.

WARNING!

- No objects should be placed over or near the air bag on the instrument panel or steering wheel, because any such objects could cause harm if the vehicle is in a collision severe enough to cause the air bags to inflate.
- Do not put anything on or around the air bag covers or attempt to open them manually. You may damage the air bags and you could be injured because the air bags may no longer be functional. The protective covers for the air bag cushions are designed to open only when the air bags are inflating.

(Continued)

WARNING! ***(Continued)***

- Relying on the air bags alone could lead to more severe injuries in a collision. The air bags work with your seat belt to restrain you properly. In some collisions, air bags won't deploy at all. Always wear your seat belts even though you have air bags.

Advanced Front Air Bag Operation

Advanced Front Air Bags are designed to provide additional protection by supplementing the seat belts. Advanced Front Air Bags are not expected to reduce the risk of injury in rear, side, or rollover collisions. The Advanced Front Air Bags will not deploy in all frontal collisions, including some that may produce substantial vehicle damage — for example, some pole collisions, truck underrides, and angle offset collisions.

On the other hand, depending on the type and location of impact, Advanced Front Air Bags may deploy in crashes with little vehicle front-end damage but that produce a severe initial deceleration.

Because air bag sensors measure vehicle deceleration over time, vehicle speed and damage by themselves are not good indicators of whether or not an air bag should have deployed.

Seat belts are necessary for your protection in all collisions, and also are needed to help keep you in position, away from an inflating air bag.

When the ORC detects a collision requiring the Advanced Front Air Bags, it signals the inflator units. A large quantity of non-toxic gas is generated to inflate the Advanced Front Air Bags.

The steering wheel hub trim cover and the upper right side of the instrument panel separate and fold out of the way as the air bags inflate to their full size. The Advanced Front Air Bags fully inflate in less time than it takes to blink your eyes. The air bags then quickly deflate while helping to restrain the driver and front passenger.

Occupant Classification System (OCS) — Front Passenger Seat

The OCS is part of a Federally regulated safety system for this vehicle. It is designed to provide Passenger Advanced Front Air Bag output appropriate to the occupant's seated weight, as determined by the OCS.

The Occupant Classification System (OCS) consists of the following:

- Occupant Restraint Controller (ORC)
- Occupant Classification Module (OCM) and Sensor located in the front passenger seat
- Air Bag Warning Light

Occupant Classification Module (OCM) and Sensor

The Occupant Classification Module (OCM) is located underneath the front passenger seat. The Sensor is located beneath the passenger seat cushion foam. Any weight on the seat will be sensed by the Sensor. The OCM uses input from the Sensor to determine the front passenger's most probable classification. The OCM communicates this information to the ORC. The ORC may reduce the inflation rate of the Passenger Advanced Front Air Bag deployment based on occupant classification. In order for the OCS to operate as designed, it is important for the front passenger to be seated properly and properly wearing the seat belt.

The OCS will NOT prevent deployment of the Passenger Advanced Front Air Bag. The OCS may reduce the inflation rate of the Passenger Advanced Front Air Bag if the OCS estimates that:

- The front passenger seat is unoccupied or has very light objects on it; or
- The front passenger seat is occupied by a small passenger, including a child; or
- The front passenger seat is occupied by a rear-facing child restraint; or
- The front passenger is not properly seated or his or her weight is taken off of the seat for a period of time.

Front Passenger Seat Occupant Status	Front Passenger Air Bag Output
Rear-facing child restraint	Reduced-power deployment
Child, including a child in a forward-facing child restraint or booster seat*	Reduced-power deployment OR Full-power deployment
Properly seated adult	Full-power deployment OR reduced-power deployment
Unoccupied seat	Reduced-power deployment

* It is possible for a child to be classified as an adult, allowing a full-power Passenger Advanced Front Air Bag deployment. Never allow children to ride in the front passenger seat and never install a child restraint system, including a rear-facing child restraint, in the front passenger seat.

WARNING!

- Never place a rear-facing child restraint in front of an air bag. A deploying Passenger Advanced Front Air Bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.

(Continued)

WARNING! ***(Continued)***

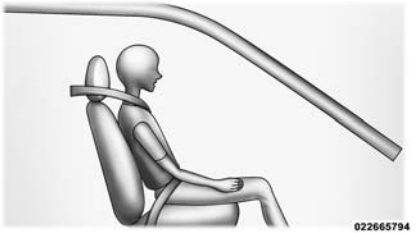
- Only use rear-facing child restraint in a vehicle with a rear seat.
- Children 12 years or younger should always ride buckled up in a rear seat.

The OCS determines the front passenger's most probable classification. The OCS estimates the seated weight on the front passenger seat and where that weight is located. The OCS communicates the classification status to the ORC. The ORC uses the classification to determine whether the Passenger Advanced Front Air Bag inflation rate should be adjusted.

In order for the OCS to operate as designed, it is important for the front passenger to be seated properly and properly wearing the seat belt. Properly seated passengers are:

- Sitting upright
- Facing forward
- Sitting in the center of the seat with their feet comfortably on or near the floor

- Sitting with their back against the seatback and the seatback in an upright position



Seated Properly

Lighter Weight Passengers (Including Small Adults)

When a lighter weight passenger, including a small adult, occupies the front passenger seat, the OCS may reduce the inflation rate of the Passenger Advanced Front Air Bag. This does not mean that the OCS is working improperly.

Do not decrease OR increase the front passenger's seated weight on the front passenger seat

The front passenger's seated weight must be properly positioned on the front passenger seat. Failure to do so may result in serious injury or death. The OCS determines the most probable classification of the occupant that it detects.

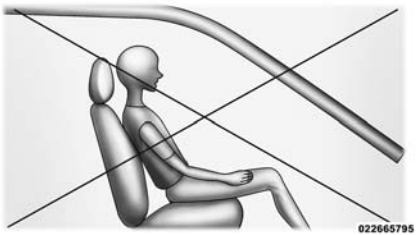
The OCS will detect the front passenger's decreased or increased seated weight, which may result in an adjusted inflation rate of the Passenger Advanced Front Air Bag in a collision. This does not mean that the OCS is working improperly.

Decreasing the front passenger's seated weight on the front passenger seat may result in a reduced-power deployment of the Passenger Advanced Front Air Bag. Increasing the front passenger's seated weight on the front passenger seat may result in a full-power deployment of the Passenger Advanced Front Air Bag.

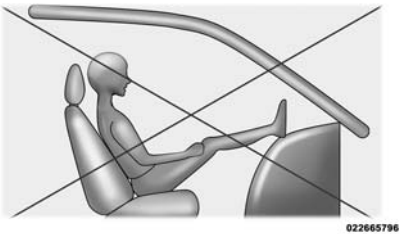
Examples of improper front passenger seating include:

- The front passenger's weight is transferred to another part of the vehicle (like the door, arm rest or instrument panel).
- The front passenger leans forward, sideways, or turns to face the rear of the vehicle.
- The front passenger's seatback is not in the full upright position.
- The front passenger carries or holds an object while seated (e.g., backpack, box, etc.)
- Objects are lodged under the front passenger seat.
- Objects are lodged between the front passenger seat and center console.
- Accessories that may change the seated weight on the front passenger seat are attached to the front passenger seat.
- Anything that may decrease or increase the front passenger's seated weight.

The OCS determines the front passenger's most probable classification. If an occupant in the front passenger seat is seated improperly, the occupant may provide an output signal to the OCS that is different from the occupant's properly seated weight input, for example:



Not Seated Properly



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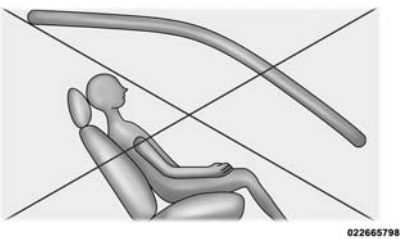
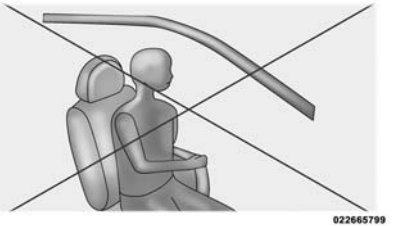


Not Seated Properly



Not Seated Properly

WARNING!

- If an occupant in the front passenger seat is seated improperly, the occupant may provide an output signal to the OCS that is different from the occupant's properly seated weight input. This may result in serious injury or death in a collision.

(Continued)

WARNING! ***(Continued)***

- Always wear your seat belt and sit properly, with the seatback in an upright position, your back against the seatback, sitting upright, facing forward, in the center of the seat, with your feet comfortably on or near the floor.
- Do not carry or hold any objects (e.g., backpacks, boxes, etc.) while seated in the front passenger seat. Holding an object may provide an output signal to the OCS that is different than the occupant's properly seated weight input, which may result in serious injury or death in a collision.
- Placing an object on the floor under the front passenger seat may prevent the OCS from working properly, which may result in serious injury or death in a collision. Do not place any objects on the floor under the front passenger seat.

The Air Bag Warning Light will turn on whenever the OCS is unable to classify the front passenger seat status. A malfunction in the OCS may affect the operation of the air bag system.

If the Air Bag Warning Light does not come on, or stays on after you start the vehicle, or it comes on as you drive, take the vehicle to an authorized dealer for service immediately.

The passenger seat assembly contains critical OCS components that may affect the Passenger Advanced Front Air Bag inflation. In order for the OCS to properly classify the seated weight of a front seat passenger, the OCS components must function as designed.

Do not make any modifications to the front passenger seat components, assembly, or to the seat cover. If the seat, trim cover, or cushion needs service for any reason, take the vehicle to your authorized dealer. Only Chrysler Group LLC approved seat accessories may be used.

The following requirements must be strictly followed:

- Do not modify the front passenger seat assembly or components in any way.
- Do not use prior or future model year seat covers or cushions not designated by Chrysler Group LLC for the specific model being repaired. Always use the correct seat cover and cushion specified for the vehicle.
- Do not replace the seat cover or cushion with an aftermarket seat cover or cushion.
- Do not add a secondary seat cover or mat.
- At no time should any Supplemental Restraint System (SRS) component or SRS related component or fastener be modified or replaced with any part except those which are approved by Chrysler Group LLC.

WARNING!

Unapproved modifications or service procedures to the passenger seat assembly, its related components, seat cover or cushion may inadvertently change the air bag deployment in case of a frontal collision. This could result in death or serious injury to the front passenger if the vehicle is involved in a

(Continued)

WARNING! *(Continued)*

collision. A modified vehicle may not comply with required Federal Motor Vehicle Safety Standards (FMVSS) and/or Canadian Motor Vehicle Safety Standards (CMVSS).

Knee Impact Bolsters

The Knee Impact Bolsters help protect the knees of the driver and front passenger, and position the front occupants for improved interaction with the Advanced Front Air Bags.

WARNING!

- Do not drill, cut, or tamper with the knee impact bolsters in any way.
- Do not mount any accessories to the knee impact bolsters such as alarm lights, stereos, citizen band radios, etc.

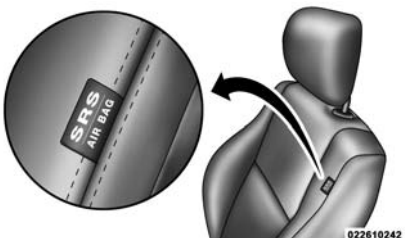
Supplemental Knee Air Bags

This vehicle is equipped with a Supplemental Driver Knee Air Bag mounted in the instrument panel below the steering column. The Supplemental Driver Knee Air Bag provides enhanced protection during a frontal impact by working together with the seat belts, pretensioners, and Advanced Front Air Bags.

Supplemental Side Air Bags

Your vehicle is equipped with two types of side air bags:

1. Supplemental Seat-Mounted Side Air Bags (SABs): Located in the outboard side of the front seats. The SABs are marked with a “SRS AIRBAG” or “AIRBAG” label sewn into the outboard side of the seats.



Front Supplemental Seat-Mounted Side Air Bag Label

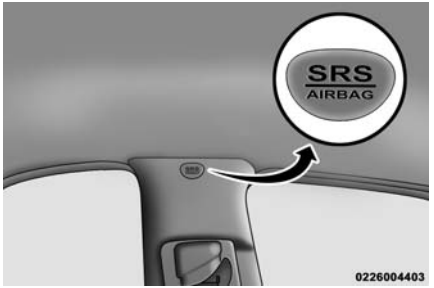
The SABs may help to reduce the risk of occupant injury during certain side impact and certain rollover events, in addition to the injury reduction potential provided by the seat belts and body structure.

When the SAB deploys, it opens the seam on the outboard side of the seatback’s trim cover. The inflating SAB deploys through the seat seam into the space between the occupant and the door. The SAB moves at a very high speed and with such a high force that it could injure you if you are not seated properly, or if items are positioned in the area where the SAB inflates. Children are at an even greater risk of injury from a deploying air bag.

WARNING!

Do not use accessory seat covers or place objects between you and the Side Air Bags; the performance could be adversely affected and/or objects could be pushed into you, causing serious injury.

2. Supplemental Side Air Bag Inflatable Curtains (SABICs): Located above the side windows. The trim covering the SABICs is labeled “SRS AIRBAG” or “AIRBAG.”



Supplemental Side Air Bag Inflatable Curtain (SABIC) Label Location

SABICs may help reduce the risk of head injury to front and rear seat outboard occupants. SABICs may reduce the risk of injuries in certain side impact and vehicle rollover events, in addition to the injury reduction potential provided by the seat belts and body structure.

The SABICs deploy downward, covering the side windows. An inflating SABIC pushes the outside edge of the trim out of the way and covers the window. The SABICs inflate with enough force to injure you if you are not belted and seated properly, or if items are positioned in the area where the SABICs inflate. Children are at an even greater risk of injury from a deploying air bag.

The SABICs may help reduce the risk of partial or complete ejection of vehicle occupants through side windows in certain rollover or side impact events.

WARNING!

- Your vehicle is equipped with left and right Supplemental Side Air Bag Inflatable Curtains (SABICs). Do not stack luggage or other cargo up high enough to block the deployment of the SABICs. The trim covering above the side windows where the SABIC and its deployment path are located should remain free from any obstructions.

(Continued)

WARNING! ***(Continued)***

- Your vehicle is equipped with SABICs. In order for the SABICs to work as intended, do not install any accessory items in your vehicle which could alter the roof. Do not add an aftermarket sunroof to your vehicle. Do not add roof racks that require permanent attachments (bolts or screws) for installation on the vehicle roof. Do not drill into the roof of the vehicle for any reason.

The SABICs and SABs (“Side Air Bags”) are designed to activate in certain side impacts and certain rollover events. The Occupant Restraint Controller (“ORC”) determines whether the deployment of the Side Air Bags in a particular side impact or rollover event is appropriate, based on the severity and type of collision. Vehicle damage by itself is not a good indicator of whether or not Side Air Bags should have deployed.

Side Air Bags are a supplement to the seat belt restraint system. Side Air Bags deploy in less time than it takes to blink your eyes. Occupants,

including children, who are up against or very close to Side Air Bags can be seriously injured or killed. Occupants, including children, should never lean on or sleep against the door, side windows, or area where the Side Air Bags inflate, even if they are in an infant or child restraint.

Seat belts (and child restraints where appropriate) are necessary for your protection in all collisions. They also help keep you in position, away from inflating Side Air Bags. To get the best protection from the Side Air Bags, occupants must wear their seat belts properly and sit upright with their backs against the seats. Children must be properly restrained in a child restraint or booster seat that is appropriate for the size of the child.

WARNING!

- Side Air Bags need room to inflate. Do not lean against the door or window. Sit upright in the center of the seat.

(Continued)

WARNING! *(Continued)*

- Being too close to the Side Air Bags during deployment could cause you to be severely injured or killed.
- Relying on the Side Air Bags alone could lead to more severe injuries in a collision. The Side Air Bags work with your seat belt to restrain you properly. In some collisions, Side Air Bags won't deploy at all. Always wear your seat belt even though you have Side Air Bags.

NOTE:
Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.

Side Impacts

In side impacts, the side impact sensors aid the ORC in determining the appropriate response to impact events. The system is calibrated to deploy the Side Air Bags on the impact side of the vehicle during impacts that require Side Air Bag occupant protection. In side impacts, the Side Air Bags deploy independently; a left side impact deploys the left Side Air Bags only and a right side impact deploys the right Side Air Bags only.

The Side Air Bags will not deploy in all side collisions, including some collisions at certain angles, or some side collisions that do not impact the area of the passenger compartment. The Side Air Bags may deploy during angled or offset frontal collisions where the Advanced Front Air Bags deploy.

Rollover Events

Side Air Bags are designed to activate in certain rollover events. The ORC determines whether the deployment of the Side Air Bags in a particular rollover event is appropriate, based on the severity and type of collision. Vehicle damage by itself is not a good indicator of whether or not Side Air Bags should have deployed.

The Side Air Bags will not deploy in all rollover events. The rollover sensing-system determines if a rollover event may be in progress and whether deployment is appropriate. A slower-developing event may deploy the seat belt pretensioners on both sides of the vehicle. A

faster-developing event may deploy the seat belt pretensioners as well as the SABs and SABICs on both sides of the vehicle. The roll-over sensing-system may also deploy the seat belt pretensioners, with or without the SABs and SABICs, on both sides of the vehicle if the vehicle experiences a near rollover event.

If A Deployment Occurs
The Advanced Front Air Bags are designed to deflate immediately after deployment.

NOTE:
Front and/or side air bags will not deploy in all collisions. This does not mean something is wrong with the air bag system.

If you do have a collision, which deploys the air bags, any or all of the following may occur:

- The air bag material may sometimes cause abrasions and/or skin reddening to the occupants as the air bags deploy and unfold. The abrasions are similar to friction rope burns or those you might get sliding along a carpet or gymnasium floor. They are not caused by contact with chemicals. They are not permanent and normally heal quickly. However, if you haven't healed significantly within a few days, or if you have any blistering, see your doctor immediately.
- As the air bags deflate, you may see some smoke-like particles. The particles are a normal by-product of the process that generates the non-toxic gas used for air bag inflation. These airborne particles may irritate the skin, eyes, nose, or throat. If you have skin or eye irritation, rinse the area with cool water. For nose or throat irritation, move to fresh air. If the irritation continues, see your doctor. If these particles settle on your clothing, follow the garment manufacturer's instructions for cleaning.

Do not drive your vehicle after the air bags have deployed. If you are involved in another collision, the air bags will not be in place to protect you.

WARNING!
Deployed air bags and seat belt pretensioners cannot protect you in another collision. Have the air bags, seat belt pretensioners,

(Continued)

WARNING! ***(Continued)***
and the seat belt retractor assemblies replaced by an authorized dealer immediately. Also, have the Occupant Restraint Controller System serviced as well.

NOTE:

- **Air bag covers may not be obvious in the interior trim, but they will open during air bag deployment.**
- **After any collision, the vehicle should be taken to an authorized dealer immediately.**

Enhanced Accident Response System
In the event of an impact, if the communication network remains intact, and the power remains intact, depending on the nature of the event, the ORC will determine whether to have the Enhanced Accident Response System perform the following functions:

- Cut off fuel to the engine.
- Flash hazard lights as long as the battery has power or until the ignition switch is turned to the "OFF" position.

- Turn on the interior lights, which remain on as long as the battery has power or until the ignition switch is turned to the “OFF” position.
- Unlock the doors automatically.

System Reset Procedure
In order to reset the Enhanced Accident Response System functions after an event, the ignition switch must be changed from ignition START or ON/RUN to ignition OFF.

Air Bag Warning Light

The air bags must be ready to inflate for your protection in a collision. The Occupant Restraint Controller (ORC) monitors the internal circuits and interconnecting wiring associated with air bag system electrical components.

The ORC monitors the readiness of the electronic parts of the air bag system whenever the ignition switch is in the START or ON/RUN position. If the ignition switch is in the OFF position or in the ACC position, the air bag system is not on and the air bags will not inflate.

The ORC contains a backup power supply system that may deploy the air bags even if the battery loses power or it becomes disconnected prior to deployment.

The ORC turns on the Air Bag Warning Light in the instrument panel for approximately four to eight seconds for a self-check when the ignition switch is first turned to the ON/RUN position. After the self-check, the Air Bag Warning Light will turn off. If the ORC detects a malfunction in any part of the system, it turns on the Air Bag Warning Light, either momentarily or continuously. A single chime will sound to alert you if the light comes on again after initial startup.

The ORC also includes diagnostics that will illuminate the instrument panel Air Bag Warning Light if a malfunction is detected that could affect the air bag system. The diagnostics also record the nature of the malfunction. While the air bag system is designed to be maintenance free, if any of the following occurs, have an authorized dealer service the air bag system immediately.

- The Air Bag Warning Light does not come on during the four to eight seconds when the ignition switch is first turned to the ON/RUN position.
- The Air Bag Warning Light remains on after the four to eight-second interval.
- The Air Bag Warning Light comes on intermittently or remains on while driving.

NOTE:
If the speedometer, tachometer, or any engine related gauges are not working, the Occupant Restraint Controller (ORC) may also be disabled. In this condition the air bags may not be ready to inflate for your protection. Have an authorized dealer service the air bag system immediately.

WARNING!
Ignoring the Air Bag Warning Light in your instrument panel could mean you won’t have the air bags to protect you in a collision. If the

(Continued)

WARNING! ***(Continued)***

light does not come on as a bulb check when the ignition is first turned on, stays on after you start the vehicle, or if it comes on as you drive, have an authorized dealer service the air bag system immediately.

Redundant Air Bag Warning Light

If a fault with the Air Bag Warning Light is detected, which could affect the Supplemental Restraint System ("SRS"), the Redundant Warning Light will illuminate on the instrument panel.

The Redundant Warning Light will stay on until the fault is cleared. In addition, a single chime will sound to alert you that the Redundant Warning Light has come on and a fault has been detected. If the Redundant Warning Light comes on intermittently or remains on while driving have an authorized dealer service the vehicle immediately.

For additional information regarding the Redundant Warning Light refer to the "Instrument Panel" section of this manual.

Maintaining Your Air Bag System

WARNING!

- Modifications to any part of the air bag system could cause it to fail when you need it. You could be injured if the air bag system is not there to protect you. Do not modify the components or wiring, including adding any kind of badges or stickers to the steering wheel hub trim cover or the upper right side of the instrument panel. Do not modify the front bumper, vehicle body structure, or add aftermarket side steps or running boards.
- It is dangerous to try to repair any part of the air bag system yourself. Be sure to tell anyone who works on your vehicle that it has an air bag system.

(Continued)

WARNING! ***(Continued)***

- Do not attempt to modify any part of your air bag system. The air bag may inflate accidentally or may not function properly if modifications are made. Take your vehicle to an authorized dealer for any air bag system service. If your seat, including your trim cover and cushion, needs to be serviced in any way (including removal or loosening/ tightening of seat attachment bolts), take the vehicle to your authorized dealer. Only manufacturer approved seat accessories may be used. If it is necessary to modify the air bag system for persons with disabilities, contact your authorized dealer.

Event Data Recorder (EDR)

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data

related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating.
- Whether or not the driver and passenger safety belts were buckled/fastened.
- How far (if at all) the driver was pushing the accelerator and/or brake pedal.
- How fast the vehicle was traveling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

NOTE:

EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

Child Restraints

Everyone in your vehicle needs to be buckled up at all times, including babies and children.

Children 12 years or younger should ride properly buckled up in a rear seat, if available. According to crash statistics, children are safer when properly restrained in the rear seats rather than in the front.

WARNING!

In a collision, an unrestrained child can become a projectile inside the vehicle. The force required to hold even an infant on your lap could become so great that you could not hold the child, no matter how strong you are.

(Continued)

WARNING! ***(Continued)***

The child and others could be badly injured. Any child riding in your vehicle should be in a proper restraint for the child's size.

There are different sizes and types of restraints for children from newborn size to the child almost large enough for an adult seat belt. Always check the child seat Owner's Manual to make sure you have the correct seat for your child. Carefully read and follow all the instructions and warnings in the child restraint Owner's Manual and on all the labels attached to the child restraint.

Before buying any restraint system, make sure that it has a label certifying that it meets all applicable Safety Standards. You should also make sure that you can install it in the vehicle where you will use it.

Summary Of Recommendations For Restraining Children In Vehicles

	Child Size, Height, Weight Or Age	Recommended Type Of Child Restraint
Infants and Toddlers	Children who are two years old or younger and who have not reached the height or weight limits of their child restraint	Either an Infant Carrier or a Convertible Child Restraint, facing rearward in the rear seat of the vehicle
Small Children	Children who are at least two years old or who have out-grown the height or weight limit of their rear-facing child restraint	Forward-Facing Child Restraint with a five-point Harness, facing forward in the rear seat of the vehicle
Larger Children	Children who have out-grown their forward-facing child restraint, but are too small to properly fit the vehicle's seat belt	Belt Positioning Booster Seat and the vehicle seat belt, seated in the rear seat of the vehicle
Children Too Large for Child Restraints	Children 12 years old or younger, who have out-grown the height or weight limit of their booster seat	Vehicle Seat Belt, seated in the rear seat of the vehicle

Infants And Child Restraints
Safety experts recommend that children ride rear-facing in the vehicle until they are two years old or until they reach either the height or weight limit of their rear-facing child restraint. Two types of child restraints can be used rear-facing: infant carriers and convertible child seats.

The infant carrier is only used rear-facing in the vehicle. It is recommended for children from birth until they reach the weight or height limit of the infant carrier. Convertible child seats can be used either rear-facing or forward-facing in the vehicle. Convertible child seats often have a higher weight limit in the rear-facing direction than infant carriers do, so they can be used rear-facing by children who have outgrown their infant carrier but are still less than at least two years old. Children should remain rear-facing until they reach the highest weight or height allowed by their convertible child seat.

WARNING!

- Never place a rear-facing child restraint in front of an air bag. A deploying passenger Advanced Front Air Bag can cause death or serious injury to a child 12 years or younger, including a child in a rear-facing child restraint.
- Only use a rear-facing child restraint in a vehicle with a rear seat.

Older Children And Child Restraints
Children who are two years old or who have outgrown their rear-facing convertible child seat can ride forward-facing in the vehicle. Forward-facing child seats and convertible child seats used in the forward-facing direction are for children who are over two years old or who have outgrown the rear-facing weight or height limit of their rear-facing convertible child seat. Children should remain in a forward-facing child seat with a harness for as long as possible, up to the highest weight or height allowed by the child seat.

All children whose weight or height is above the forward-facing limit for the child seat should use a belt-positioning booster seat until the vehicle's seat belts fit properly. If the child cannot sit with knees bent over the vehicle's seat cushion while the child's back is against the seatback, they should use a belt-positioning booster seat. The child and belt-positioning booster seat are held in the vehicle by the seat belt.

WARNING!

- Improper installation can lead to failure of an infant or child restraint. It could come loose in a collision. The child could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

(Continued)

WARNING! ***(Continued)***

- After a child restraint is installed in the vehicle, do not move the vehicle seat forward or rearward because it can loosen the child restraint attachments. Remove the child restraint before adjusting the vehicle seat position. When the vehicle seat has been adjusted, reinstall the child restraint.
- When your child restraint is not in use, secure it in the vehicle with the seat belt or LATCH anchorages, or remove it from the vehicle. Do not leave it loose in the vehicle. In a sudden stop or accident, it could strike the occupants or seatbacks and cause serious personal injury.

Children Too Large For Booster Seats

Children who are large enough to wear the shoulder belt comfortably, and whose legs are long enough to bend over the front of the seat when their back is against the seatback, should use the seat belt in a rear seat. Use this simple 5-step test to decide whether the child can use the vehicle's seat belt alone:

1. Can the child sit all the way back against the back of the vehicle seat?
2. Do the child's knees bend comfortably over the front of the vehicle seat – while they are still sitting all the way back?
3. Does the shoulder belt cross the child's shoulder between their neck and arm?
4. Is the lap part of the seat belt as low as possible, touching the child's thighs and not their stomach?
5. Can the child stay seated like this for the whole trip?

If the answer to any of these questions was "no," then the child still needs to use a booster seat in this vehicle. If the child is using the lap/shoulder belt, check seat belt fit periodically and make sure the seat belt buckle is latched. A child's squirming or slouching can move the seat belt out of position. If the shoulder belt contacts the face or neck, move the child closer to the center of the vehicle, or use a booster seat to position the seat belt on the child correctly.

WARNING!

Never allow a child to put the shoulder belt under an arm or behind their back. In a crash, the shoulder belt will not protect a child properly, which may result in serious injury or death. A child must always wear both the lap and shoulder portions of the seat belt correctly.

Recommendations For Attaching Child Restraints

Restraint Type	Combined Weight of the Child + Child Restraint	Use any attachment method shown with an "X" Below			
		LATCH – Lower Anchors Only	Seat Belt Only	LATCH – Lower Anchors + Top Tether Anchor	Seat Belt + Top Tether Anchor
Rear-Facing Child Restraint	Up to 65 lbs (29.5 kg)	X	X		
Rear-Facing Child Restraint	More than 65 lbs (29.5 kg)		X		
Forward-Facing Child Restraint	Up to 65 lbs (29.5 kg)			X	X
Forward-Facing Child Restraint	More than 65 lbs (29.5 kg)				X

Lower Anchors And Tethers For Children (LATCH) Restraint System

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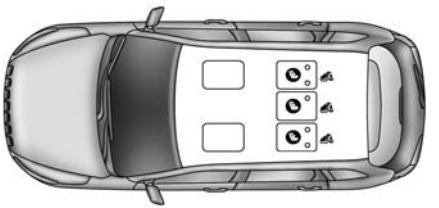
Your vehicle is equipped with the child restraint anchorage system called LATCH, which stands for Lower Anchors and Tethers for CHildren. The LATCH system has three vehicle anchor points for installing LATCH-equipped child seats. There are two lower anchorages located at the back of the seat cushion where it meets the seatback and one top tether anchorage located behind the seating position. These anchorages are used to install LATCH-equipped child seats without using the vehicle's seat belts. Some seating positions may have a top tether anchorage but no lower anchorages. In these seating positions, the seat belt must be used with the top tether anchorage to install the child restraint. Please see the following table for more information.

LATCH Positions For Installing Child Restraints In This Vehicle



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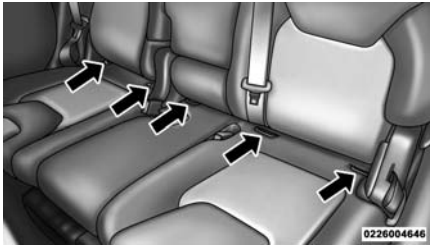
- Lower Anchorage Symbol 2 anchorages per seating position
- Top Tether Anchorage Symbol

What is the weight limit (child's weight + weight of the child restraint) for using the LATCH anchorage system to attach the child restraint?	65 lbs (29.5 kg)	Use the LATCH anchorage system until the combined weight of the child and the child restraint is 65 lbs (29.5 kg). Use the seat belt and tether anchor instead of the LATCH anchorage system once the combined weight is more than 65 lbs (29.5 kg).
Can the LATCH anchorages and the seat belt be used together to attach a rear-facing or forward-facing child restraint?	No	Do not use the seat belt when you use the LATCH anchorage system to attach a rear-facing or forward-facing child restraint.
Can two child restraints be attached using a common lower LATCH anchorage?	No	Never "share" a LATCH anchorage with two or more child restraints. If the center position does not have dedicated LATCH lower anchorages, use the seat belt to install a child seat in the center position next to a child seat using the LATCH anchorages in an outboard position.
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	The child seat may touch the back of the front passenger seat if the child restraint manufacturer also allows contact. See your child restraint owner's manual for more information.
Can the head restraints be removed?	Yes	The head restraints may be removed in every rear seating position.

Locating The LATCH Anchorages

The lower anchorages are round bars that are found at the rear of the seat cushion where it meets the seatback. They are just visible when you lean into the rear seat to install the child restraint. You will easily feel them if you run your finger along the gap between the seatback and seat cushion.



Rear Seat LATCH Anchorages

Locating The Tether Anchorages

There are tether strap anchorages behind each rear seating position located on the back of the seat.

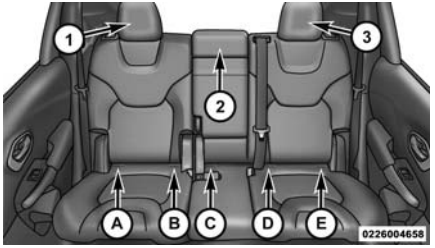
Tether Anchorage Locations

LATCH-compatible child restraint systems will be equipped with a rigid bar or a flexible strap on each side. Each will have a hook or connector to attach to the lower anchorage and a way to tighten the connection to the anchorage. Forward-facing child restraints and some rear-facing child restraints will also be equipped with a tether strap. The tether strap will have a hook at the end to attach to the top tether anchorage and a way to tighten the strap after it is attached to the anchorage.

Center Seat LATCH

This vehicle has 5 lower LATCH anchorages in the rear seat. Anchorages A and B are used for the right outboard position behind the front passenger (1). Anchorages D and E are used for the left outboard position behind the driver (3). Anchorages C and D are used for the center seating position (2). Do not install a LATCH—compatible child restraint using anchorages B and C. This is not a LATCH—compatible position in your vehicle

You can install up to two child seats using the LATCH system at the same time. If you can fit three child restraints in your vehicle, you must use the seatbelt to install the center child restraint and you must use the LATCH anchors for position (3) behind the driver. You can use either the LATCH anchors or the vehicle's seat belt for installing the third child seat in position (1) behind the front passenger.



Options for installing two child seats using the LATCH anchorages in this vehicle:

1. Right and left outboard seating positions (1 and 3): Install the child seats in the right and left outboard seating positions using lower anchorages A and B, and D and E. Do not use the center seat anchorage, C. If the child seats do not block the center seat belt webbing and buckle, the center seat belt can be used to restraint an occupant or child restraint in the center seating position.
2. Right outboard and center seating positions (1 and 2): Install the first child seat in the right outboard seating position using lower anchorages A and B. Install the second child seat using the center anchorages, C and D. Do not use the outer anchorage closest to the opposite door, E. Do not use the remaining left outboard seating position (3) for any occupant. The center child restraint will block the seat belt buckle for this position.

WARNING!

- Use anchorages C and D to install a LATCH-compatible child restraint in the center seating position (2). Do not install a LATCH-compatible child restraint using anchorages B and C. This is not a LATCH-compatible position in your vehicle.
- A child restraint installed in the center position (2) will block the seat belt buckle for the empty left outboard seat behind the driver (3). Do not use this seat for another occupant.

(Continued)

WARNING! ***(Continued)***

- Never use the same lower anchorage to attach more than one child restraint.
- If you are installing three child restraints next to each other, you must use the seat belt and the center tether anchor for the center position. You must use the LATCH anchors to install the child seat in position (3), behind the driver. You may use either the LATCH anchors or the vehicle's seat belt for installing the child seat in position (1), behind the front passenger. Please refer to "Installing the LATCH-Compatible Child Restraint System" for typical installation instructions.

To Install A LATCH-Compatible Child Restraint

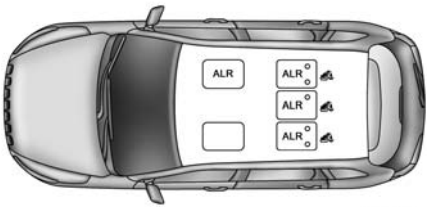
If the selected seating position has a Switchable Automatic Locking Retractor (ALR) seat belt, stow the seat belt, following the instructions below. See the section "Installing Child Restraints Using the Vehicle Seat Belt" to check what type of seat belt each seating position has.

1. Loosen the adjusters on the lower straps and on the tether strap of the child seat so that you can more easily attach the hooks or connectors to the vehicle anchorages.
2. Place the child seat between the lower anchorages for that seating position. For some second row seats, you may need to recline the seat and/or raise the head restraint to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.
3. Attach the lower hooks or connectors of the child restraint to the lower anchorages in the selected seating position.
4. If the child restraint has a tether strap, connect it to the top tether anchorage. See the section “Installing Child Restraints Using the Top Tether Anchorage” for directions to attach a tether anchor.
5. Tighten all of the straps as you push the child restraint rearward and downward into the seat. Remove slack in the straps according to the child restraint manufacturer’s instructions.
6. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25.4 mm) in any direction.

Installing Child Restraints Using The Vehicle Seat Belt

The seat belts in the rear passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR) that is designed to keep the lap portion of the seat belt tight around the child restraint. The ALR retractor can be “switched” into a locked mode by pulling all of the webbing out of the retractor and then letting the webbing retract back into the retractor. If it is locked, the ALR will make a clicking noise while the webbing is pulled back into the retractor. For additional information on ALR, refer to the “Automatic Locking Mode” description under “Occupant Restraints.”

Lap/Shoulder Belt Systems For Installing Child Restraints In This Vehicle



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- ALR = Switchable Automatic Locking Retractor
- Top Tether Anchorage Symbol

What is the weight limit (child's weight + weight of the child restraint) for using the Tether Anchor with the seat belt to attach a forward facing child restraint?	Weight limit of the Child Restraint	Always use the tether anchor when using the seat belt to install a forward facing child restraint, up to the recommended weight limit of the child restraint.
Can the rear-facing child restraint touch the back of the front passenger seat?	Yes	Contact between the front passenger seat and the child restraint is allowed, if the child restraint manufacturer also allows contact.
Can the head restraints be removed?	Yes	The head restraints may be removed in every rear seating position.
Can the buckle stalk be twisted to tighten the seat belt against the belt path of the child restraint?	No	Do not twist the buckle stalk in a seating position with an ALR retractor.

Installing A Child Restraint With A Switchable Automatic Locking Retractor (ALR)

1. Place the child seat in the center of the seating position. For some second row seats, you may need to recline the seat and/or raise the head restraint to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.
2. Pull enough of the seat belt webbing from the retractor to pass it through the seat belt path of the child restraint. Do not twist the belt webbing in the seat belt path.
3. Slide the latch plate into the buckle until you hear a "click".
4. Pull on the webbing to make the lap portion tight against the child seat.
5. To lock the seat belt, pull down on the shoulder part of the seat belt until you have pulled all the seat belt webbing out of the retractor. Then, allow the webbing to retract back into the retractor. As the webbing retracts, you will hear a clicking sound. This means the seat belt is now in the Automatic Locking mode.

6. Try to pull the webbing out of the retractor. If it is locked, you should not be able to pull out any webbing. If the retractor is not locked, repeat step 5.
7. Finally, pull up on any excess webbing to tighten the lap portion around the child restraint while you push the child restraint rearward and downward into the vehicle seat.
8. If the child restraint has a top tether strap and the seating position has a top tether anchorage, connect the tether strap to the anchorage and tighten the tether strap. See the section “Installing Child Restraints Using the Top Tether Anchorage” for directions to attach a tether anchor.
9. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the seat belt path. It should not move more than 1 inch (25.4 mm) in any direction.

Any seat belt system will loosen with time, so check the seat belt occasionally, and pull it tight if necessary.

Installing Child Restraints Using The Top Tether Anchorage:

WARNING!

Do not attach a tether strap for a rear-facing car seat to any location in front of the car seat, including the seat frame or a tether anchorage. Only attach the tether strap of a rear-facing car seat to the tether anchorage that is approved for that seating position, located behind the top of the vehicle seat. See the section “Lower Anchors and Tethers for CHildren (LATCH) Restraint System” for the location of approved tether anchorages in your vehicle.

1. Look behind the seating position where you plan to install the child restraint to find the tether anchorage. You may need to move the seat forward to provide better access to the tether anchorage. If there is no top tether anchorage for that seating position, move the child restraint to another position in the vehicle if one is available.
2. Route the tether strap to provide the most direct path for the strap between the anchor and the child seat. If your vehicle is equipped with adjustable rear head restraints, raise the head restraint, and where possible, route the tether strap under the head restraint and between the two posts. If not possible, lower the head restraint and pass the tether strap around the outboard side of the head restraint.
3. Attach the tether strap hook of the child restraint to the top tether anchorage as shown in the diagram.

Tether Anchorage Locations

4. Remove slack in the tether strap according to the child restraint manufacturer's instructions.

WARNING!

An incorrectly anchored tether strap could lead to increased head motion and possible injury to the child. Use only the anchorage position directly behind the child seat to secure a child restraint top tether strap.

(Continued)

WARNING! ***(Continued)***

If your vehicle is equipped with a split rear seat, make sure the tether strap does not slip into the opening between the seatbacks as you remove slack in the strap.

Installing Child Restraints Using The Vehicle Seat Belt

The seat belts in the rear passenger seating positions are equipped with a Switchable Automatic Locking Retractor (ALR) that is designed to keep the lap portion of the seat belt tight around the child restraint. The ALR retractor can be "switched" into a locked mode by pulling all of the webbing out of the retractor and then letting the webbing retract back into the retractor. If it is locked, the ALR will make a clicking noise while the webbing is pulled back into the retractor. For additional information on ALR, refer to the "Automatic Locking Mode" description under "Occupant Restraints."

How To Stow An Unused ALR Seat Belt:

When using the LATCH attaching system to install a child restraint, stow all ALR seat belts that are not being used by other occupants or being used to secure child restraints. An unused belt could injure a child if they play with it and accidentally lock the seat belt retractor. Before installing a child restraint using the LATCH system, buckle the seat belt behind the child restraint and out of the child's reach. If the buckled seat belt interferes with the child restraint installation, instead of buckling it behind the child restraint, route the seat belt through the child restraint belt path and then buckle it. Do not lock the seat belt. Remind all children in the vehicle that the seat belts are not toys and that they should not play with them.

WARNING!

- Improper installation of a child restraint to the LATCH anchorages can lead to failure of the restraint. The child could be badly injured or killed. Follow the child restraint manufacturer's directions exactly when installing an infant or child restraint.

(Continued)

WARNING! ***(Continued)***

- Child restraint anchorages are designed to withstand only those loads imposed by correctly-fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses, or for attaching other items or equipment to the vehicle.

Installing A Child Restraint With A Switchable Automatic Locking Retractor (ALR):

1. Place the child seat in the center of the seating position. For some second row seats, you may need to recline the seat and/or raise the head restraint to get a better fit. If the rear seat can be moved forward and rearward in the vehicle, you may wish to move it to its rear-most position to make room for the child seat. You may also move the front seat forward to allow more room for the child seat.
2. Pull enough of the seat belt webbing from the retractor to pass it through the belt path of the child restraint. Do not twist the belt webbing in the belt path.
3. Slide the latch plate into the buckle until you hear a “click.”
4. Pull on the webbing to make the lap portion tight against the child seat.
5. To lock the seat belt, pull down on the shoulder part of the belt until you have pulled all the seat belt webbing out of the retractor. Then, allow the webbing to retract back into the retractor. As the webbing retracts, you will hear a clicking sound. This means the seat belt is now in the Automatic Locking mode.
6. Try to pull the webbing out of the retractor. If it is locked, you should not be able to pull out any webbing. If the retractor is not locked, repeat step 5.
7. Finally, pull up on any excess webbing to tighten the lap portion around the child restraint while you push the child restraint rearward and downward into the vehicle seat.
8. Test that the child restraint is installed tightly by pulling back and forth on the child seat at the belt path. It should not move more than 1 inch (25 mm) in any direction.

Any seat belt system will loosen with time, so check the belt occasionally, and pull it tight if necessary.

Transporting Pets

Air Bags deploying in the front seat could harm your pet. An unrestrained pet will be thrown about and possibly injured, or injure a passenger during panic braking or in a collision.

Pets should be restrained in the rear seat in pet harnesses or pet carriers that are secured by seat belts.

ENGINE BREAK-IN RECOMMENDATIONS

A long break-in period is not required for the engine and drivetrain (transmission and axle) in your vehicle.

Drive moderately during the first 300 miles (500 km). After the initial 60 miles (100 km), speeds up to 50 or 55 mph (80 or 90 km/h) are desirable.

While cruising, brief full-throttle acceleration within the limits of local traffic laws contributes to a good break-in. Wide-open throttle acceleration in low gear can be detrimental and should be avoided.

The engine oil installed in the engine at the factory is a high-quality energy conserving type lubricant. Oil changes should be consistent with anticipated climate conditions under which vehicle operations will occur. For the recommended viscosity and quality grades, refer to “Maintenance Procedures” in “Maintaining Your Vehicle”.

CAUTION!

Never use Non-Detergent Oil or Straight Mineral Oil in the engine or damage may result.

NOTE:

A new engine may consume some oil during its first few thousand miles (kilometers) of operation. This should be considered a normal part of the break-in and not interpreted as a problem.

SAFETY TIPS

Transporting Passengers

NEVER TRANSPORT PASSENGERS IN THE CARGO AREA.

WARNING!

- Do not leave children or animals inside parked vehicles in hot weather. Interior heat build-up may cause serious injury or death.

(Continued)

WARNING! ***(Continued)***

- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

Exhaust Gas

WARNING!

Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing (CO), follow these safety tips:

(Continued)

WARNING! ***(Continued)***

- Do not run the engine in a closed garage or in confined areas any longer than needed to move your vehicle in or out of the area.
- If you are required to drive with the trunk/liftgate/rear doors open, make sure that all windows are closed and the climate control BLOWER switch is set at high speed. DO NOT use the recirculation mode.
- If it is necessary to sit in a parked vehicle with the engine running, adjust your heating or cooling controls to force outside air into the vehicle. Set the blower at high speed.

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

Whenever a change is noticed in the sound of the exhaust system, when exhaust fumes can be detected inside the vehicle, or when the underside or rear of the vehicle is damaged, have a competent mechanic inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, inspect the exhaust system each time the vehicle is raised for lubrication or oil change. Replace as required.

Safety Checks You Should Make Inside The Vehicle

Seat Belts

Inspect the seat belt system periodically, checking for cuts, frays, and loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system.

Front seat belt assemblies must be replaced after a collision. Rear seat belt assemblies must be replaced after a collision if they have been damaged (i.e., bent retractor, torn webbing, etc.). If there is any question regarding seat belt or retractor condition, replace the seat belt.

Air Bag Warning Light

The light should come on and remain on for four to eight seconds as a bulb check when the ignition switch is first turned ON. If the light is not lit during starting, see your authorized dealer. If the light stays on, flickers, or comes on while driving, have the system checked by an authorized dealer.

Defroster

Check operation by selecting the defrost mode and place the blower control on high speed. You should be able to feel the air directed against the windshield. See your authorized dealer for service if your defroster is inoperable.

Floor Mat Safety Information

Always use floor mats designed to fit the footwell of your vehicle. Use only floor mats that leave the pedal area unobstructed and that are firmly secured so that they cannot slip out of position and interfere with the pedals or impair safe operation of your vehicle in other ways.

WARNING!

Pedals that cannot move freely can cause loss of vehicle control and increase the risk of serious personal injury.

- Always make sure that floor mats are properly attached to the floor mat fasteners.
- Never place or install floor mats or other floor coverings in the vehicle that cannot be properly secured to prevent them from moving and interfering with the pedals or the ability to control the vehicle.
- Never put floor mats or other floor coverings on top of already installed floor mats. Additional floor mats and other coverings will reduce the size of the pedal area and interfere with the pedals.
- Check mounting of mats on a regular basis. Always properly reinstall and secure floor mats that have been removed for cleaning.

(Continued)

WARNING! ***(Continued)***

- Always make sure that objects cannot fall into the driver footwell while the vehicle is moving. Objects can become trapped under the brake pedal and accelerator pedal causing a loss of vehicle control.
- If required, mounting posts must be properly installed, if not equipped from the factory.

Failure to properly follow floor mat installation or mounting can cause interference with the brake pedal and accelerator pedal operation causing loss of control of the vehicle.

Periodic Safety Checks You Should Make Outside The Vehicle

Tires

Examine tires for excessive tread wear and uneven wear patterns. Check for stones, nails, glass, or other objects lodged in the tread or sidewall. Inspect the tread for cuts and cracks. Inspect sidewalls for cuts, cracks and bulges. Check the wheel nuts for tightness. Check the tires (including spare) for proper cold inflation pressure.

Lights

Have someone observe the operation of brake lights and exterior lights while you work the controls. Check turn signal and high beam indicator lights on the instrument panel.

Door Latches

Check for positive closing, latching, and locking.

Fluid Leaks

Check area under vehicle after overnight parking for fuel, engine coolant, oil, or other fluid leaks. Also, if gasoline fumes are detected or if fuel, or brake fluid leaks are suspected, the cause should be located and corrected immediately.

3

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MIRRORS

Inside Day/Night Mirror — If Equipped

A single ball joint mirror is provided in the vehicle. It is a twist on mirror that has a fixed position at the windshield. The mirror installs on the windshield button with a counterclockwise rotation and requires no tools for mounting. The mirror head can be adjusted up, down, left, and right for various drivers. The mirror should be adjusted to center on the view through the rear window.

Headlight glare from vehicles behind you can be reduced by moving the small control under the mirror to the night position (toward the rear of the vehicle). The mirror should be adjusted while the small control under the mirror is set in the day position (toward the windshield).

Adjusting Rearview Mirror

Automatic Dimming Mirror — If Equipped

A single ball joint mirror is provided in the vehicle. It is a twist on mirror that has a fixed position at the windshield. The mirror installs on the windshield button with a counterclockwise rotation and requires no tools for mounting. The mirror head can be adjusted up, down, left, and right for various drivers. The mirror should be adjusted to center on the view through the rear window.

This mirror automatically adjusts for headlight glare from vehicles behind you.

NOTE:

- **The Automatic Dimming Mirror feature is disabled when the vehicle is in reverse gear to improve rear view viewing.**
- **The Automatic Dimming Mirror feature can be turned on or off using the Uconnect® System, refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.**

Automatic Dimming Mirror

CAUTION!

To avoid damage to the mirror during cleaning, never spray any cleaning solution directly onto the mirror. Apply the solution onto a clean cloth and wipe the mirror clean.

Outside Mirrors

To receive maximum benefit, adjust the outside mirror(s) to center on the adjacent lane of traffic and a slight overlap of the view obtained from the inside mirror.

NOTE:

The passenger side convex outside mirror will give a much wider view to the rear, and especially of the lane next to your vehicle.

WARNING!

Vehicles and other objects seen in the passenger side convex mirror will look smaller and farther away than they really are. Relying too much on your passenger side convex mirror

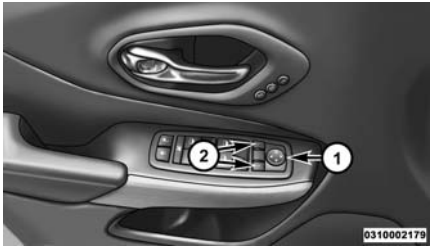
(Continued)

WARNING! ***(Continued)***

could cause you to collide with another vehicle or other object. Use your inside mirror when judging the size or distance of a vehicle seen in the passenger side convex mirror.

Power Mirrors

The power mirror switches are located on the driver's door trim panel.



Power Mirror Switches

1 — Mirror Direction Control
2 — Left And Right Mirror Select

Models With Express Window Feature

Press and release the mirror select button marked L (left) or R (right) and then press one of the four arrow buttons to move the mirror in the direction the arrow is pointing. The selection will time out after 30 seconds of inactivity to guard against accidentally moving a mirror position following an adjustment.

NOTE:

For vehicles equipped with Driver Memory Seat, you can use your Remote Keyless Entry (RKE) transmitter or the memory switch on the instrument panel to return the power mirrors to pre-programmed positions. Refer to "Driver Memory Seat" in "Understanding The Features Of Your Vehicle" for further information.

Models Without Express Window Feature

Press the mirror select button marked L (left) or R (right) and then press one of the four arrow buttons to move the mirror in the direction the arrow is pointing.

Power Folding Mirrors — If Equipped

The switch for the power folding mirrors is located between the power mirror switches L (left) and R (right). Press the switch once and the mirrors will fold in, pressing the switch a second time will return the mirrors to the normal driving position.

Power Folding Mirror Switch

NOTE:

If the vehicle speed is greater than 10 mph (16 km/h) the folding feature will be disabled.

If the mirrors are in the folded position, and vehicle speed is equal or greater than 10 mph (16 km/h), they will automatically unfold.

Resetting The Power Folding Outside Mirrors

You may need to reset the power folding mirrors if the following occurs:

- The mirrors are accidentally blocked while folding.
- The mirrors are accidentally manually folded/unfolded.
- The mirrors come out of the unfolded position.
- The mirrors shake and vibrate at normal driving speeds.

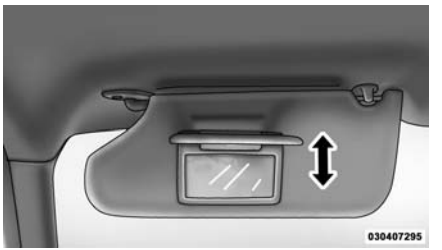
To reset the power folding mirrors: Fold and unfold them by pressing the button. (This may require multiple button pushes). This resets them to their normal position.

Heated Mirrors — If Equipped

These mirrors are heated to melt frost or ice. This feature can be activated whenever you turn on the rear window defroster (if equipped). Refer to “Rear Window Features” in “Understanding The Features Of Your Vehicle” for further information.

Illuminated Vanity Mirrors — If Equipped

An illuminated vanity mirror is on each sun visor. To use the mirror, rotate the sun visor down and swing the mirror cover upward. The lights will turn on automatically. Closing the mirror cover will turn off the light.



Illuminated Vanity Mirror

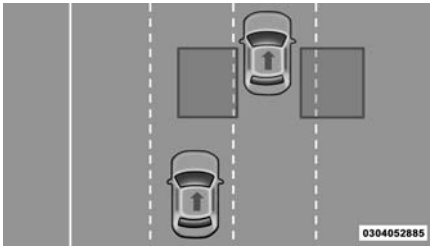
Sun Visor "Slide-On-Rod" Feature — If Equipped

The sun visor "Slide-On-Rod" feature allows for additional flexibility in positioning the sun visor to block out the sun.

1. Fold down the sun visor.
2. Unclip the visor from the center clip.
3. Pull the sun visor toward the inside rearview mirror to extend it.

BLIND SPOT MONITORING (BSM) — IF EQUIPPED

The Blind Spot Monitoring (BSM) system uses two radar-based sensors, located inside the rear bumper fascia, to detect highway licensable vehicles (automobiles, trucks, motorcycles, etc.) that enter the blind spot zones from the rear/front/side of the vehicle.



Rear Detection Zones

When the vehicle is started, the BSM warning light will momentarily illuminate in both outside rear view mirrors to let the driver know that the system is operational. The BSM system sensors operate when the vehicle is in any forward gear or REVERSE and enters stand-by mode when the vehicle is in PARK.

The BSM detection zone covers approximately one lane width on both sides of the vehicle 12 ft (3.8 m). The zone length starts at the outside mirror and extends approximately 10 ft (3 m) beyond the rear bumper of the vehicle. The BSM system monitors the detection zones on both sides of the vehicle when the vehicle speed reaches approximately 6 mph (10 km/h) or higher and will alert the driver of vehicles in these areas.

NOTE:

- **The BSM system does NOT alert the driver about rapidly approaching vehicles that are outside the detection zones.**
- **The BSM system detection zone DOES NOT change if your vehicle is towing a trailer. Therefore, visually verify the adjacent lane is clear for both your vehicle and trailer before making a lane change. If the trailer or other object (i.e., bicycle, sports equipment) extends beyond the side of your vehicle, this may result in the BSM warning light remaining illuminated the entire time the vehicle is in a forward gear.**

The area on the rear fascia where the radar sensors are located must remain free of snow, ice, and dirt/road contamination so that the BSM system can function properly. Do not block the area of the rear fascia where the radar sensors are located with foreign objects (bumper stickers, bicycle racks, etc.)

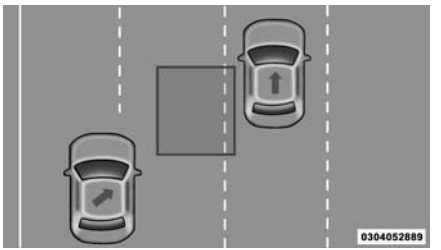
The BSM system will provide a visual alert in the appropriate side view mirror based on a detected object. If the turn signal is then activated, and it corresponds to an alert present on that side of the vehicle, an audible chime will also be sounded. Whenever a turn signal and detected object are present on the same side at the same time, both the visual and audio alerts will be issued. In addition to the audible alert the radio (if on) will also be muted.

Warning Light Location

The BSM system monitors the detection zone from three different entry points (side, rear, front) while driving to see if an alert is necessary. The BSM system will issue an alert during these types of zone entries.

Entering From The Side

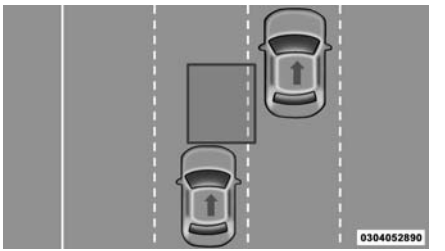
Vehicles that move into your adjacent lanes from either side of the vehicle.



Side Monitoring

Entering From The Rear

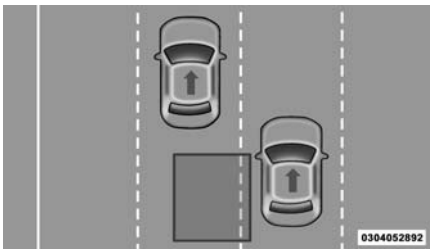
Vehicles that come up from behind your vehicle on either side and enter the rear detection zone with a relative speed of less than 30 mph (48 km/h).



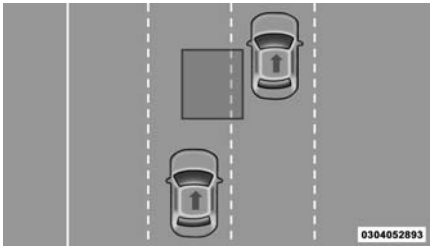
Rear Monitoring

Overtaking Traffic

If you pass another vehicle slowly with a relative speed less than 10 mph (16 km/h) and the vehicle remains in the blind spot for approximately 1.5 seconds, the warning light will be illuminated. If the difference in speed between the two vehicles is greater than 10 mph (16 km/h), the warning light will not illuminate.

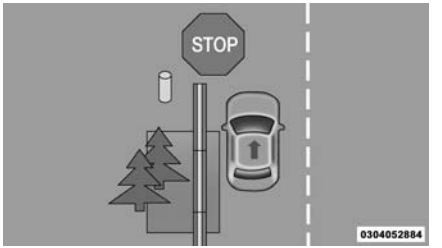


Overtaking/Approaching



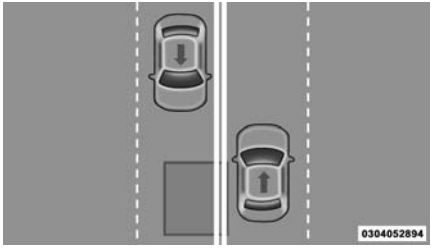
Overtaking/Passing

The BSM system is designed not to issue an alert on stationary objects such as guardrails, posts, walls, foliage, berms, etc. However, occasionally the system may alert on such objects. This is normal operation and your vehicle does not require service.



Stationary Objects

The BSM system will not alert you of objects that are traveling in the opposite direction of the vehicle in adjacent lanes.



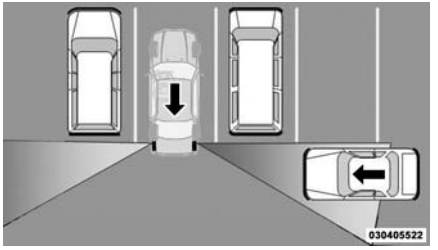
Opposing Traffic

WARNING!

The Blind Spot Monitoring system is only an aid to help detect objects in the blind spot zones. The BSM system is not designed to detect pedestrians, bicyclists, or animals. Even if your vehicle is equipped with the BSM system, always check your vehicles mirrors, glance over your shoulder, and use your turn signal before changing lanes. Failure to do so can result in serious injury or death.

Rear Cross Path

The Rear Cross Path (RCP) feature is intended to aid the driver when backing out of parking spaces where their vision of oncoming vehicles may be blocked. Proceed slowly and cautiously out of the parking space until the rear end of the vehicle is exposed. The RCP system will then have a clear view of the cross traffic and if an oncoming vehicle is detected, alert the driver.



RCP Detection Zones

RCP monitors the rear detection zones on both sides of the vehicle, for objects that are moving toward the side of the vehicle with a minimum speed of approximately 3 mph (5 km/h), to objects moving a maximum of approximately 20 mph (32 km/h), such as in parking lot situations.

NOTE:

In a parking lot situation, oncoming vehicles can be obscured by vehicles parked on either side. If the sensors are blocked by other structures or vehicles, the system will not be able to alert the driver.

When RCP is on and the vehicle is in REVERSE, the driver is alerted using both the visual and audible alarms, including reducing the radio volume.

WARNING!

RCP is not a Back Up Aid system. It is intended to be used to help a driver detect an oncoming vehicle in a parking lot situation. Drivers must be careful when backing up, even when using RCP. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind

(Continued)

WARNING! ***(Continued)***

spots before backing up. Failure to do so can result in serious injury or death.

Modes Of Operation

Three selectable modes of operation are available in the Uconnect® System. Refer to "Uconnect® Settings/Customer Programmable Features" in "Understanding Your Instrument Panel" for further information.

Blind Spot Alert Lights Only

When operating in Blind Spot Alert mode, the BSM system will provide a visual alert in the appropriate side view mirror based on a detected object. However, when the system is operating in Rear Cross Path (RCP) mode, the system will respond with both visual and audible alerts when a detected object is present. Whenever an audible alert is requested, the radio is muted.

Blind Spot Alert Lights/Chime

When operating in Blind Spot Alert Lights/Chime mode, the BSM system will provide a visual alert in the appropriate side view mirror based on a detected object. If the turn signal is then activated, and it corresponds to an alert present on that side of the vehicle, an audible chime will also be sounded. Whenever a turn signal and detected object are present on the same side at the same time, both the visual and audible alerts will be issued. In addition to the audible alert the radio (if on) will also be muted.

NOTE:

Whenever an audible alert is requested by the BSM system, the radio is also muted.

When the system is in RCP, the system shall respond with both visual and audible alerts when a detected object is present. Whenever an audible alert is requested, the radio is also muted. Turn/hazard signal status is ignored; the RCP state always requests the chime.

Blind Spot Alert Off

When the BSM system is turned off there will be no visual or audible alerts from either the BSM or RCP systems.

NOTE:

The BSM system will store the current operating mode when the vehicle is shut off. Each time the vehicle is started the previously stored mode will be recalled and used.

SEATS

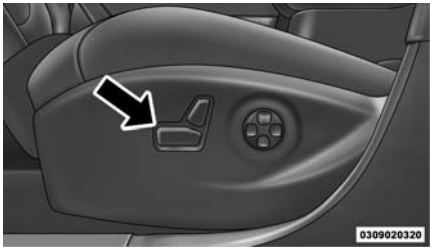
Seats are a part of the Occupant Restraint System of the vehicle.

WARNING!

- It is dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

Power Seats — If Equipped

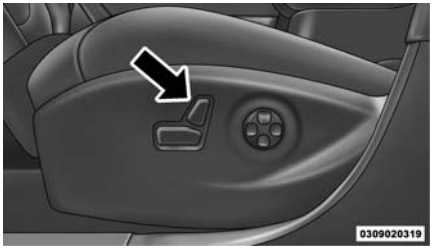
Some models may be equipped with a power driver's seat. The power seat switch is located on the outboard side of the seat near the floor. Use the switch to move the seat up, down, forward or rearward.



Power Seat Switch

Reclining The Seatback Forward Or Rearward

The seatback can be reclined both forward and rearward. Push the seat recliner switch forward or rearward, the seatback will move in the direction of the switch. Release the switch when the desired position has been reached.



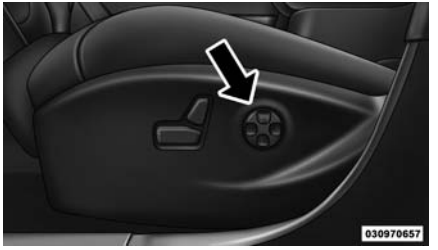
Power Seat Recliner Switch

WARNING!

Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.

Power Lumbar — If Equipped

Vehicles equipped with power driver or passenger seats may be equipped with power lumbar. The power lumbar switch is located on the outboard side of the power seat. Push the switch forward or rearward to increase or decrease the lumbar support. Push the switch upward or downward to raise or lower the lumbar support.



Power Lumbar Switch

Manual Seats — If Equipped

Manual Front Seat Forward/Rearward Adjustment

On models equipped with manual seats, the adjusting bar is located at the front of the seats, near the floor.

Front Seat Adjustment

While sitting in the seat, lift up on the bar and move the seat forward or rearward. Release the bar once you have reached the desired position. Then, using body pressure, move forward and rearward on the seat to be sure that the seat adjusters have latched.

WARNING!

- Adjusting a seat while driving may be dangerous. Moving a seat while driving could result in loss of control which could cause a collision and serious injury or death.
- Seats should be adjusted before fastening the seat belts and while the vehicle is parked. Serious injury or death could result from a poorly adjusted seat belt.

Manual Front Seat Recline Adjustment

To adjust the seatback, lift the lever located on the outboard side of the seat, lean back to the desired position and release the lever. To return the seatback, lift the lever, lean forward and release the lever.

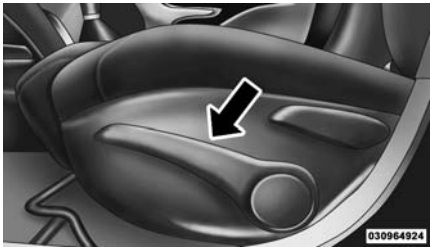
Recline Lever

WARNING!

Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.

Manual Seat Height Adjustment — If Equipped

The driver's seat height can be raised or lowered by using a lever, located on the outboard side of the seat. Pull upward on the lever to raise the seat height or push downward on the lever to lower the seat height.



Seat Height Adjustment

Front Heated Seats — If Equipped

The front heated seats control buttons are located within the Uconnect® system. You can gain access to the control buttons through the climate screen or the controls screen.

- Press the heated seat button once to turn the High setting ON.
- Press the heated seat button a second time to turn the Low setting ON.
- Press the heated seat button a third time to turn the heating elements OFF.

If the HI-level setting is selected, the system will automatically switch to LO-level after approximately 60 minutes of continuous operation. At that time, the display will change from HI to LO, indicating the change. The LO-level setting will turn OFF automatically after approximately 45 minutes.

NOTE:

The engine must be running for the heated seats to operate.

This feature can be programmed through the Uconnect® system. Refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, exhaustion or other physical condition must exercise care when using the seat heater. It may cause burns even at low temperatures, especially if used for long periods of time.
- Do not place anything on the seat or seatback that insulates against heat, such as a blanket or cushion. This may cause the seat heater to overheat. Sitting in a seat that has been overheated could cause serious burns due to the increased surface temperature of the seat.

Front Ventilated Seats — If Equipped

Located in the seat cushion and seat back are small fans that draw the air from the passenger compartment and move air through fine perforations in the seat cover to help keep the driver and front passenger cooler in higher ambient temperatures. The fans operate at two speeds, HIGH and LOW.

The front ventilated seats control buttons are located within the Uconnect® system. You can gain access to the control buttons through the climate screen or the controls screen.

- Press the ventilated seat button once to choose HIGH.
- Press the ventilated seat button a second time to choose LOW.
- Press the ventilated seat button a third time to turn the ventilated seat OFF.

NOTE:

The engine must be running for the ventilated seats to operate.

Head Restraints

Head restraints are designed to reduce the risk of injury by restricting head movement in the event of a rear impact. Head restraints should be adjusted so that the top of the head restraint is located above the top of your ear.

WARNING!

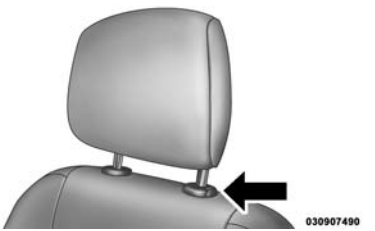
The head restraints for all occupants must be properly adjusted prior to operating the vehicle or occupying a seat. Head restraints should never be adjusted while the vehicle is in motion. Driving a vehicle with the head restraints improperly adjusted or removed could cause serious injury or death in the event of a collision.

Reactive Head Restraints — Front Seats

The front driver and passenger seats are equipped with Reactive Head Restraints (RHR). In the event of a rear impact the RHRs will automatically extend forward minimizing the gap between the back of the occupants head and the RHR.

The RHRs will automatically return to their normal position following a rear impact. If the RHRs do not return to their normal position see your authorized dealer immediately.

To raise the head restraint, pull upward on the head restraint. To lower the head restraint, press the release button, located at the base of the head restraint, and push downward on the head restraint.



Release Button

NOTE:
The head restraints should only be removed by qualified technicians, for service purposes only. If either of the head restraints require removal, see your authorized dealer.

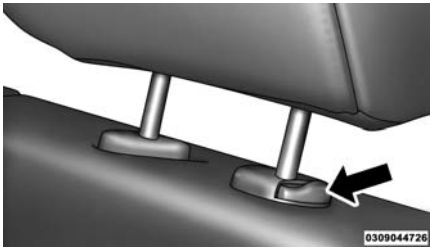
WARNING!

Do not place items over the top of the Reactive Head Restraint, such as coats, seat covers or portable DVD players. These items may interfere with the operation of the Reactive Head Restraint in the event of a collision and could result in serious injury or death.

Rear Head Restraints

The rear head restraints have two positions UP and DOWN. When the center seat is being occupied the head restraint should be in the raised position. When there are no occupants in the center seat the head restraint can be lowered for maximum visibility for the driver.

To raise the head restraint, pull upward on the head restraint. To lower the head restraint, press the release button, located at the base of the head restraint, and push downward on the head restraint.



Release Button

60/40 Split Folding Rear Seat With Fold-Flat Feature

To provide additional storage area, each rear seat can be folded flat. This allows for extended cargo space and still maintains some rear seating room.

NOTE:
Prior to folding the rear seat, it may be necessary to position the front seat to its mid-track position. Also, be sure that the front seats are fully upright and positioned forward. This will allow the rear seat to fold down easily.

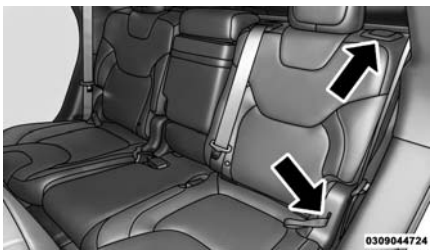
WARNING!

- It is extremely dangerous to ride in a cargo area, inside or outside of a vehicle. In a collision, people riding in these areas are more likely to be seriously injured or killed.
- Do not allow people to ride in any area of your vehicle that is not equipped with seats and seat belts.
- Be sure everyone in your vehicle is in a seat and using a seat belt properly.

Rear Seat Forward/Rearward Adjustment
Lift up on the adjusting bar located at the front of the seat near the floor and release it when the seat is at the desired position. Then, using body pressure, move forward and rearward on the seat to be sure that the seat adjusters have latched.

To Lower The Rear Seat

1. Lift the seatback release lever located on the upper outer edge of the seat or pull the pull strap located on the middle outer edge of the seat.



Rear Seatback Release Lever And Pull Strap

2. Fold the rear seatback completely forward.

To Raise The Rear Seat

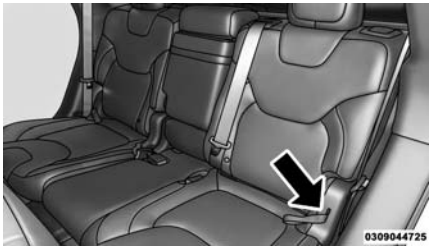
NOTE:

If interference from the cargo area prevents the seatback from fully locking, you will have difficulty returning the seat to its proper position.
Raise the seatback and lock it into place.

WARNING!

Be certain that the seatback is securely locked into position. If the seatback is not securely locked into position the seat will not provide the proper stability for child seats and/or passengers. An improperly latched seat could cause serious injury.

Recliner Adjustment
The rear seatback also reclines for additional passenger comfort. Pull on the pull strap while sitting in the rear seat to recline the seatback.



Rear Seat Recliner Pull Strap

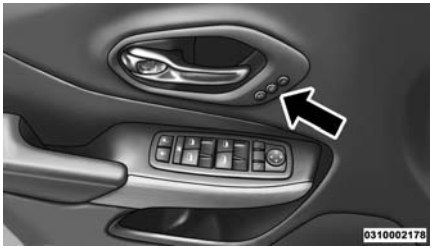
WARNING!

Do not ride with the seatback reclined so that the shoulder belt is no longer resting against your chest. In a collision you could slide under the seat belt, which could result in serious injury or death.

DRIVER MEMORY SEAT — IF EQUIPPED

This feature allows the driver to store up to two different memory profiles, for easy recall through a memory switch. Each memory profile contains desired position settings for the driver seat and side mirrors and a set of desired radio station presets.

The memory switch is located on the driver's side door panel. The switch contains 3 buttons, a S (SET) button to activate the memory save function, the number (1) memory button and the number (2) memory button. The memory switch allows the driver to recall either of the two pre-programmed memory profiles by pressing the appropriate number button on the switch.



Driver Memory Switch

Programming The Memory Feature

To create a new memory profile, perform the following:

NOTE:
Saving a new memory profile will erase an existing profile from memory.

1. Cycle the vehicles ignition to the ON position.
2. Adjust all memory profile settings to desired preferences (i.e., seat, side mirror and radio station presets).
3. Press and release the SET button on the memory switch, then press the number (1) button within five seconds. The Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID), will display which memory position is being set.

If desired, a second memory profile can be stored into memory as follows:

1. Cycle the vehicles ignition to the ON position.
2. Adjust all memory profile settings to desired preferences (i.e., seat, side mirror and radio station presets).
3. Press and release the SET button on the memory switch, then press the number (2) button within five seconds. The EVIC/DID will display which memory position is being set.

NOTE:

- **For vehicles equipped with an automatic transmission, memory profiles can be set without the vehicle in PARK, but the vehicle must be in PARK to recall a memory profile.**
- **For vehicles equipped with a manual transmission, the vehicle speed must be at 0 mph (0 km/h) to recall a memory profile.**
- **To set a memory profile to your RKE transmitter, refer to "Linking And Unlinking The Remote Keyless Entry Transmitter To Memory" in this section.**

Linking And Unlinking The Remote Keyless Entry Transmitter To Memory

Your Remote Keyless Entry (RKE) transmitters can be programmed to recall one of two preprogrammed memory profiles with a press of the UNLOCK button on the RKE transmitter.

NOTE:

Before programming your RKE transmitters you must select the "Memory To FOB" feature through the Uconnect® system screen. Refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

To program your RKE transmitters, perform the following:

1. Cycle the vehicles ignition to the OFF position.
2. Select the desired memory profile 1 or 2.

NOTE:

If a memory profile has not already been set, refer to "Programming The Memory Feature" in this section for instructions on how to set a memory profile.

3. Press and release the SET button on the memory switch, then within five seconds press and release the button labeled 1 or 2 accordingly. "Memory Profile Set" (1 or 2) will display in the EVIC/DID.
4. Press and release the LOCK button on the RKE transmitter within 10 seconds.

NOTE:

Your RKE transmitters can be unlinked to your memory settings by pressing the SET (S) button, and within 10 seconds, followed by pressing the UNLOCK button on the RKE transmitter.

Memory Position Recall

NOTE:

For vehicles equipped with an automatic transmission, the vehicle must be in PARK to recall memory positions. If a recall is attempted when the vehicle is not in PARK, a message will display in the EVIC/DID. For vehicles equipped with a manual transmission, the vehicle speed must be at 0 mph (0 km/h) to recall memory positions. If a recall is attempted with the vehicle speed above 0 mph (0 km/h), a message will display in the EVIC/DID.

To recall the memory settings for driver one, press MEMORY button number 1 or the UNLOCK button on the RKE transmitter linked to memory position 1.

To recall the memory setting for driver two, press MEMORY button number 2 or the UNLOCK button on the RKE transmitter linked to memory position 2.

A recall can be cancelled by pressing any of the MEMORY buttons (S, 1, or 2) during a recall. When a recall is cancelled, the driver seat will stop moving. A delay of one second will occur before another recall can be selected.

Easy Entry/Exit Seat

This feature provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle.

The distance the driver seat moves depends on where you have the driver seat positioned when you cycle the vehicles ignition to the OFF position.

- When you cycle the vehicles ignition to the OFF position, the driver seat will move about 2.4 in (60 mm) rearward if the driver seat position is greater than or equal to 2.7 in (67.7 mm) forward of the rear stop. The seat will return to its previously set position when you cycle the vehicles ignition to the ACC or RUN position.
- The Easy Entry/Easy Exit feature is disabled when the driver seat position is less than 0.9 in (22.7 mm) forward of the rear stop. At this position, there is no benefit to the driver by moving the seat for Easy Exit or Easy Entry.

Each stored memory setting will have an associated Easy Entry and Easy Exit position.

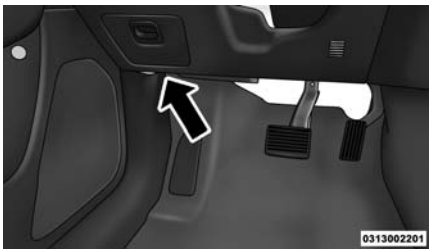
NOTE:

The Easy Entry/Exit feature is not enabled when the vehicle is delivered from the factory. The Easy Entry/Exit feature is enabled (or later disabled) through the programmable features in the Uconnect® system. Refer to "Uconnect® Settings/Customer Programmable Features" in "Understanding Your Instrument Panel" for further information.

TO OPEN AND CLOSE THE HOOD

Two latches must be released to open the hood.

1. Pull the hood release lever located under the drivers side of the instrument panel.



Hood Release

2. Move to the outside of the vehicle and pull the safety latch release lever forward (toward you). The safety latch release lever is located behind the center front edge of the hood.

Hood Safety Latch Release Lever Location

CAUTION!

To prevent possible damage, do not slam the hood to close it. Lower the hood until it is open approximately 6 in (15 cm), and then drop it. This should secure both latches. Never drive your vehicle unless the hood is fully closed, with both latches engaged.

WARNING!

Be sure the hood is fully latched before driving your vehicle. If the hood is not fully latched, it could open when the vehicle is in motion and block your vision. Failure to follow this warning could result in serious injury or death.

LIGHTS

Headlight Switch

The headlight switch is located on the left side of the instrument panel. This switch controls the operation of the headlights, parking lights, automatic headlights — if equipped, instrument panel light dimming, ambient light dimming — if equipped, interior lights, front and rear fog lights — if equipped and headlight leveling — if equipped.

Headlight Switch

Rotate the headlight switch counterclockwise to the first detent for parking light and instrument panel light operation. Rotate the headlight switch clockwise to the first detent for headlight, parking light and instrument panel light operation.

Automatic Headlights — If Equipped

This system automatically turns the headlights on or off according to ambient light levels. To turn the system on, rotate the headlight switch clockwise to the last detent for automatic headlight operation. When the system is on, the headlight time delay feature is also on. This means the headlights will stay on for up to 90 seconds after you place the ignition into the OFF position. To turn the automatic system off, move the headlight switch out of the AUTO position.

NOTE:

The engine must be running before the headlights will come on in the automatic mode.

Headlights On With Wipers (Available With Automatic Headlights Only)

When this feature is active, the headlights will turn on after the wipers are turned on if the headlight switch is placed in the AUTO position and programmable feature is set to ON. In addition, the headlights will turn off when the wipers are turned off if they were turned on by this feature.

NOTE:

The Headlights On with Wipers feature can be turned on or off using the Uconnect® System. Refer to "Uconnect® Settings/ Customer Programmable Features" in "Understanding Your Instrument Panel" for further information.

Headlight Leveling System — If Equipped

Your vehicle may be equipped with a headlight leveling system. This system allows the driver to maintain proper headlight beam position with the road surface regardless of vehicle load.

The control switch is located on the instrument panel next to the dimmer control.

To operate, rotate the control switch until the appropriate number, which corresponds to the load listed on the chart, aligns with the indicator line on the switch.

0 /1	Driver only, or driver and front passenger.
2	All seating positions occupied, plus an evenly distributed load in the luggage compartment. The total weight of passengers and load does not exceed the maximum load capacity of the vehicle.
3	Driver, plus an evenly distributed load in the luggage compartment. The total weight of the driver and load does not exceed the maximum load capacity of the vehicle.

Headlight Time Delay

This feature provides the safety of headlight illumination for up to 90 seconds (programmable) when leaving your vehicle in an unlit area.

To activate the delay feature, place the ignition in the OFF position while the headlights are still on. Then, turn off the headlights within 45

seconds. The delay interval begins when the headlight switch is turned off.

If you turn the headlights or parking lights on, or place the ignition in ACC or RUN, the system will cancel the delay.

If you turn the headlights off before the ignition, they will turn off in the normal manner.

NOTE:

- **The lights must be turned off within 45 seconds of placing the ignition in the OFF position to activate this feature.**
- **The headlight delay time is programmable using the Uconnect® System, refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.**

Automatic High Beam Headlamp Control — If Equipped

The Automatic High Beam Headlamp Control system provides increased forward lighting at night by automating high beam control through the use of a digital camera mounted on the inside rearview mirror. This camera detects vehicle specific light and automatically switches from high beams to low beams until the approaching vehicle is out of view.

NOTE:

- **The Automatic High Beam Headlamp Control can be turned on or off using the Uconnect® System. Refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.**
- **Broken, muddy, or obstructed headlights and taillights of vehicles in the field of view will cause headlights to remain on longer (closer to the vehicle). Also, dirt, film, and other obstructions on the windshield or camera lens will cause the system to function improperly.**
- **To opt out of the Advanced Auto High-Beam Sensitivity Control (default) and enter Reduced High-Beam Sensitivity Control (not recommended), toggle highbeam lever 6 full on/off cycles within 10 seconds of ignition ON. System will return to default setting upon ignition off.**

If the windshield or Automatic High Beam Headlamp Control mirror is replaced, the mirror must be re-aimed to ensure proper performance. See your local authorized dealer.

To Activate

1. Turn the headlight switch to the AUTO headlight position.
2. Push the multifunction lever away from you (toward front of vehicle) to engage the high beam mode.

NOTE:

This system will not activate until the vehicle is at or above 15 mph (24 km/h).

To Deactivate

1. Pull the multifunction lever toward you (or rearward in car) to manually deactivate the system (normal operation of low beams).
2. Push back on the multifunction lever once again to reactivate the system.

Daytime Running Lights (DRL) — If Equipped

The LED Daytime Running Lights will come on when the engine starts, headlights are off, and the parking brake is off. The headlight switch must be used for normal nighttime driving.

NOTE:

If allowed by law in the country in which the vehicle was purchased the Daytime Running Lights can be turned on and off using the Uconnect® System, refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

Lights-On Reminder

If the headlights or parking lights are on after the ignition is in the OFF position, a chime will sound to alert the driver when the driver's door is opened.

Parking Lighting

To operate the parking lighting, the ignition must be in the OFF position. Turn the headlight switch to the "P" position. Then move the multifunction lever up or down to turn on the left or right side parking lights.

Front And Rear Fog Lights — If Equipped

The fog light switches are built into the headlight switch.

To activate the front fog lights, press the upper half of the headlight switch. To turn off the front fog lights, press the upper half of the headlight switch a second time.

To activate the rear fog lights, press the lower half of the headlight switch. To turn off the rear fog lights, press the lower half of the headlight switch a second time.

NOTE:

To turn on rear fog lamps the low beam lamps or front fog lamps must first be active.

An indicator light in the instrument cluster illuminates when the fog lights are turned on.

Multifunction Lever

The multifunction lever controls the operation of the turn signals, headlight beam selection and passing lights. The multifunction lever is located on the left side of the steering column.

Multifunction Lever

Turn Signals

Move the multifunction lever up or down and the arrows on each side of the instrument cluster flash to show proper operation of the front and rear turn signal lights.

NOTE:

- **If either light remains on and does not flash, or there is a very fast flash rate, check for a defective outside light bulb. If an indicator fails to light when the lever is moved, it would suggest that the indicator bulb is defective.**
- **A "Turn Signal On" message will appear in the EVIC/DID and a continuous chime will sound if the vehicle is driven more than 1 mile (1.6 km) with either turn signal on.**
- **When the Daytime Running Lights are on and a turn signal is activated, the Daytime Running Lamp will turn off on the side of the vehicle in which the turn signal is flashing. The Daytime Running Lamp will turn back on when the turn signal is turned off.**

Lane Change Assist

Tap the lever up or down once, without moving beyond the detent, and the turn signal (right or left) will flash three times then automatically turn off.

High/Low Beam Switch

Push the multifunction lever away from you to switch the headlights to high beam. Pull the multifunction lever toward you to switch the headlights back to low beam.

Flash-To-Pass

You can signal another vehicle with your headlights by lightly pulling the multifunction lever toward you. This will turn on the high beams headlights until the lever is released.

Interior Lights

The interior lights come on when a door is opened.

To protect the battery, the interior lights will turn off automatically 10 minutes after the ignition is moved to the LOCK position. This will occur if the interior lights were switched on manually or are on because a door is open. This includes the glove box light, but not the trunk light. To restore interior light operation, either place the ignition in the ON/RUN position or cycle the light switch.

Front Map/Reading Lights

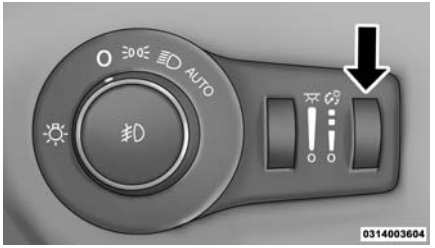
The front map/reading lights are mounted in the overhead console. Each light can be turned on by pressing a switch on either side of the console. To turn the lights off, press the switch a second time. These lights also turn on when a door is opened, or when the UNLOCK button on the Remote Keyless Entry (RKE) transmitter is pressed, or when the dimmer control is turned completely upward to the second detent.

Front Map/Reading Light Switches

There are courtesy lights located above the front seats. The courtesy lights can be turned on by pressing the lens. To turn the lights off, press the lens a second time.

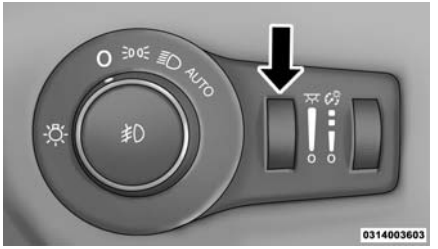
Instrument Panel Dimmer Control
The instrument panel dimmer control is part of the headlight switch and is located on the drivers side of the instrument panel.

With the parking lights or headlights on, rotating the instrument panel dimmer control upward will increase the brightness of the instrument panel lights and lighted cupholders — if equipped.



Instrument Panel Dimmer

Ambient Light Control — If Equipped
Rotate the ambient dimmer control upward or downward to increase or decrease the brightness of the ambient light located in the overhead console, door handle lights, under I/P lights, door map pocket lights, and cubby bin lights.



Ambient Light/Door Handle Light Dimmer

Dome Light Position
Rotate the instrument panel dimmer control completely upward to the second detent to turn on the interior lights. The interior lights will remain on when the instrument panel dimmer control is in this position.

Interior Light Defeat (OFF)
Rotate the instrument panel dimmer control to the extreme bottom OFF position. The interior lights will remain off when the doors are open.

Parade Mode (Daytime Brightness Feature)
Rotate the instrument panel dimmer control upward to the first detent. This feature brightens all text displays such as the odometer, Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID), and radio when the position lights or headlights are on.

Battery Saver Feature

To protect the battery, the interior lights will turn off automatically 10 minutes after the ignition switch is moved to the LOCK position. This will occur if the interior lights were switched on manually or are on because a door is open.

WINDSHIELD WIPERS AND WASHERS

The windshield wiper/washer controls are located on the windshield wiper/washer lever on the right side of the steering column. The front wipers are operated by rotating a switch, located on the end of the lever. For information on the rear wiper/washer, refer to “Rear Window Features” in “Understanding The Features Of Your Vehicle”.

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Windshield Wiper/Washer Lever

Windshield Wiper Operation

Rotate the end of the lever to one of the first four detent positions for intermittent settings, the fifth detent for low wiper operation and the sixth detent for high wiper operation.

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Windshield Wiper Operation

CAUTION!

Always remove any buildup of snow that prevents the windshield wiper blades from returning to the “park” position. If the windshield wiper switch is turned off, and the

(Continued)

CAUTION! ***(Continued)***

blades cannot return to the “park” position, damage to the wiper motor may occur.

Intermittent Wiper System

Use one of the four intermittent wiper settings when weather conditions make a single wiping cycle, with a variable delay between cycles, desirable. At driving speeds above 10 mph (16 km/h), the delay can be regulated from a maximum of approximately 18 seconds between cycles (first detent), to a cycle every one second (fourth detent).

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Intermittent Wiper Operation

NOTE:

If the vehicle is moving less than 10 mph (16 km/h), delay times will be doubled.

Windshield Washer Operation

To use the washer, pull the lever rearward toward you and hold while spray is desired. If the lever is pulled while in the intermittent setting, the wipers will turn on and operate for several wipe cycles after the lever is released, and then resume the intermittent interval previously selected.

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Windshield Washer Operation

If the lever is pulled while the wipers are in the off position, the wipers will operate for several wipe cycles, then turn off.

WARNING!

Sudden loss of visibility through the windshield could lead to a collision. You might not see other vehicles or other obstacles. To avoid sudden icing of the windshield during freezing weather, warm the windshield with the defroster before and during windshield washer use.

Mist

Use the Mist feature when weather conditions make occasional usage of the wipers necessary. Push the lever upward to the Mist position and release for a single wiping cycle.

NOTE:

The mist feature does not activate the washer pump; therefore, no washer fluid will be sprayed on the windshield. The wash function must be used in order to spray the windshield with washer fluid.

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Mist Control

Windshield Wiper De-Icer — If Equipped

Your vehicle may be equipped with a Windshield Wiper De-Icer feature that may be activated under the following conditions:

- **Activation By Front Defrost** — The Windshield Wiper De-Icer shall be activated automatically in the case of a cold weather manual start with full front defrost, the blower speed level is greater than 5, and when the ambient temperature is below 40° F (4.4° C).

- **Activation By Rear Defrost** — The Windshield Wiper De-Icer shall be activated automatically when the rear defrost is turned on and when the ambient temperature is below 40° F (4.4° C).
- **Activation By Remote Start Operation** — When remote start is active and the outside ambient temperature is less than 40° F (4.4° C), the Windshield Wiper De-Icer shall be enabled. On exiting remote start resume previous operation except, if the Windshield Wiper De-Icer timer and operation shall continue.

Rain Sensing Wipers — If Equipped

This feature senses moisture on the windshield and automatically activates the wipers for the driver. The feature is especially useful for road splash or overspray from the windshield washers of the vehicle ahead. Rotate the end of the multifunction lever to one of four settings to activate this feature.

The sensitivity of the system can be adjusted with the multifunction lever. Wiper delay position one is the least sensitive, and wiper delay position four is the most sensitive. Setting three should be used for normal rain conditions. Settings one and two can be used if the driver desires less wiper sensitivity. Setting four can be used if the driver desires more sensitivity. Place the wiper switch in the OFF position when not using the system.

NOTE:

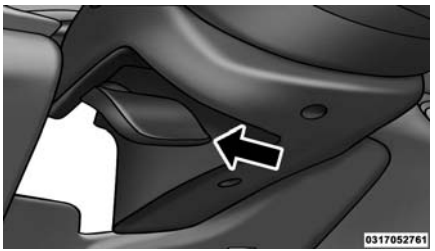
- **The Rain Sensing feature will not operate when the wiper switch is in the low or high-speed position.**
- **The Rain Sensing feature may not function properly when ice, or dried salt water is present on the windshield.**
- **Use of Rain-X® or products containing wax or silicone may reduce Rain Sensing performance.**
- **The Rain Sensing feature can be turned on and off using the Uconnect® System, refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.**

The Rain Sensing system has protection features for the wiper blades and arms, and will not operate under the following conditions:

- **Low Ambient Temperature** — When the ignition is first turned ON, the Rain Sensing system will not operate until the wiper switch is moved, vehicle speed is greater than 0 mph (0 km/h), or the outside temperature is greater than 32°F (0°C).
- **Transmission In NEUTRAL Position** — When the ignition is ON, and the automatic transmission is in the NEUTRAL position, the Rain Sensing system will not operate until the wiper switch is moved, vehicle speed is greater than 5 mph (8 km/h), or the shift lever/gear selector is moved out of the NEUTRAL position.

TILT/TELESCOPING STEERING COLUMN

This feature allows you to tilt the steering column upward or downward. It also allows you to lengthen or shorten the steering column. The tilt/telescoping lever is located below the steering wheel at the end of the steering column.



Tilt/Telescoping Lever

To unlock the steering column, push the control handle downward (toward the floor). To tilt the steering column, move the steering wheel upward or downward as desired. To lengthen or shorten the steering column, pull the steering wheel outward or push it inward as desired. To lock the steering column in position, push the control handle upward until fully engaged.

WARNING!

Do not adjust the steering column while driving. Adjusting the steering column while driving or driving with the steering column unlocked, could cause the driver to lose control of the vehicle. Failure to follow this warning may result in serious injury or death.

HEATED STEERING WHEEL — IF EQUIPPED

The steering wheel contains a heating element that helps warm your hands in cold weather. The heated steering wheel has only one temperature setting. Once the heated steering wheel has been turned on it will operate for up to 80 minutes before automatically shutting off. The heated steering wheel can shut off early or may not turn on when the steering wheel is already warm.

The heated steering wheel control button is located within the Uconnect® system. You can gain access to the control button through the climate screen or the controls screen.

- Press the heated steering wheel button once to turn the heating element ON.
- Press the heated steering wheel button a second time to turn the heating element OFF.

NOTE:

The engine must be running for the heated steering wheel to operate.

WARNING!

- Persons who are unable to feel pain to the skin because of advanced age, chronic illness, diabetes, spinal cord injury, medication, exhaustion, or other physical conditions must exercise care when using the steering wheel heater. It may cause burns even at low temperatures, especially if used for long periods.

(Continued)

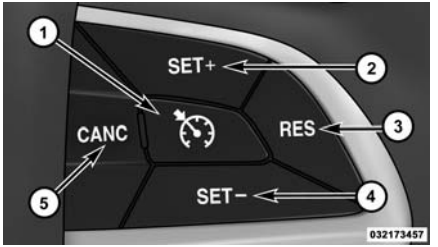
WARNING! ***(Continued)***

- Do not place anything on the steering wheel that insulates against heat, such as a blanket or steering wheel covers of any type and material. This may cause the steering wheel heater to overheat.

ELECTRONIC SPEED CONTROL — IF EQUIPPED

When engaged, the Electronic Speed Control takes over accelerator operations at speeds greater than 25 mph (40 km/h).

The Electronic Speed Control buttons are located on the right side of the steering wheel.



Electronic Speed Control Buttons

1 — ON/OFF
2 — SET+/ACCEL
3 — RESUME
4 — SET-/DECEL
5 — CANCEL

NOTE:

In order to ensure proper operation, the Electronic Speed Control System has been designed to shut down if multiple Speed Control functions are operated at the same time. If this occurs, the Electronic Speed Control System can be reactivated by pushing the Electronic Speed Control ON/OFF button and resetting the desired vehicle set speed.

To Activate

Push the ON/OFF button to activate the electronic speed control. The Cruise Indicator Light in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID) will illuminate. To turn the system off, push the ON/OFF button a second time. The Cruise Indicator Light will turn off. The system should be turned off when not in use.

WARNING!

Leaving the Electronic Speed Control system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have an accident. Always leave the system OFF when you are not using it.

To Set A Desired Speed

Turn the Electronic Speed Control ON.

NOTE:

The vehicle should be traveling at a steady speed and on level ground before pressing the SET (+) or SET (-) button.

When the vehicle has reached the desired speed, press the SET (+) or SET (-) button and release. Release the accelerator and the vehicle will operate at the selected speed.

To Deactivate

A soft tap on the brake pedal, pushing the CANCEL button, or normal brake pressure while slowing the vehicle will deactivate the Electronic Speed Control without erasing the set speed from memory.

Pressing the ON/OFF button or turning the ignition switch OFF erases the set speed from memory.

To Resume Speed

To resume a previously set speed, push the RES button and release. Resume can be used at any speed above 20 mph (32 km/h).

To Vary The Speed Setting

To Increase Speed

When the Electronic Speed Control is set, you can increase speed by pushing the SET **+** button.

The drivers preferred units can be selected through the instrument panel settings if equipped. Refer to “Understanding Your Instrument Panel” for more information. The speed increment shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pressing the SET **+** button once will result in a 1 mph increase in set speed. Each subsequent tap of the button results in an increase of 1 mph.
- If the button is continually pressed, the set speed will continue to increase until the button is released, then the new set speed will be established.

Metric Speed (km/h)

- Pressing the SET **+** button once will result in a 1 km/h increase in set speed. Each subsequent tap of the button results in an increase of 1 km/h.
- If the button is continually pressed, the set speed will continue to increase until the button is released, then the new set speed will be established.

To Decrease Speed

When the Electronic Speed Control is set, you can decrease speed by pushing the SET **-** button.

The drivers preferred units can be selected through the instrument panel settings if equipped. Refer to “Understanding Your Instrument Panel” for more information. The speed decrement shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pressing the SET **-** button once will result in a 1 mph decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph.
- If the button is continually pressed, the set speed will continue to decrease until the button is released, then the new set speed will be established.

Metric Speed (km/h)

- Pressing the SET **-** button once will result in a 1 km/h decrease in set speed. Each subsequent tap of the button results in a decrease of 1 km/h.

- If the button is continually pressed, the set speed will continue to decrease until the button is released, then the new set speed will be established.

To Accelerate For Passing

Press the accelerator as you would normally. When the pedal is released, the vehicle will return to the set speed.

Using Electronic Speed Control On Hills

The transmission may downshift on hills to maintain the vehicle set speed.

NOTE:

The Electronic Speed Control system maintains speed up and down hills. A slight speed change on moderate hills is normal.

On steep hills, a greater speed loss or gain may occur so it may be preferable to drive without Electronic Speed Control.

WARNING!

Electronic Speed Control can be dangerous where the system cannot maintain a constant speed. Your vehicle could go too fast for the conditions, and you could lose control and have an accident. Do not use Electronic Speed Control in heavy traffic or on roads that are winding, icy, snow-covered or slippery.

ADAPTIVE CRUISE CONTROL (ACC) — IF EQUIPPED

Adaptive Cruise Control (ACC) increases the driving convenience provided by cruise control while traveling on highways and major roadways. However, it is not a safety system and not designed to prevent collisions. **Electronic Speed Control function performs differently. Please refer to the proper section within this chapter.**

ACC will allow you to keep cruise control engaged in light to moderate traffic conditions without the constant need to reset your cruise control. ACC utilizes a radar sensor and a forward facing camera designed to detect a vehicle directly ahead of you.

NOTE:

- **If the sensor does not detect a vehicle ahead of you, ACC will maintain a fixed set speed.**
- **If the ACC sensor detects a vehicle ahead, ACC will apply limited braking or acceleration (not to exceed the original set speed) automatically to maintain a preset following distance, while matching the speed of the vehicle ahead.**

The Cruise Control system has two control modes:

- Adaptive Cruise Control mode for maintaining an appropriate distance between vehicles.

- Normal (fixed speed) electronic speed control mode for cruising at a constant preset speed. For additional information, refer to “Normal (Fixed Speed) Cruise Control Mode” in this section.

NOTE:

Normal (fixed speed) electronic speed control will not react to preceding vehicles. Always be aware of the mode selected.

You can change the mode by using the Cruise Control buttons. The two control modes function differently. Always confirm which mode is selected.

WARNING!

- Adaptive Cruise Control (ACC) is a convenience system. It is not a substitute for active driving involvement. It is always the driver’s responsibility to be attentive of road, traffic, and weather conditions, vehicle speed, distance to the vehicle ahead; and, most importantly, brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.
- The ACC system:
  - Does not react to pedestrians, oncoming vehicles, and stationary objects (e.g., a stopped vehicle in a traffic jam or a disabled vehicle).

(Continued)

WARNING! ***(Continued)***

  - Cannot take street, traffic, and weather conditions into account, and may be limited upon adverse sight distance conditions.
  - Does not always fully recognize complex driving conditions, which can result in wrong or missing distance warnings.
  - Will bring the vehicle to a complete stop while following a target vehicle and hold the vehicle for approximately 3 minutes in the stop position. If the target vehicle does not start moving within 3 minutes the parking brake will be activated, and the ACC system will be cancelled.

You should switch off the ACC system:

- When driving in fog, heavy rain, heavy snow, sleet, heavy traffic, and complex driving situations (i.e., in highway construction zones).

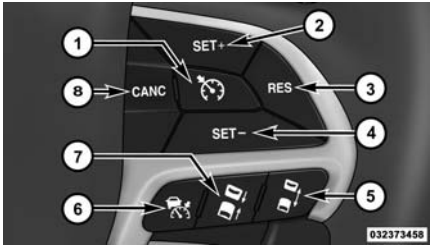
(Continued)

WARNING! ***(Continued)***

- When entering a turn lane or highway off ramp; when driving on roads that are winding, icy, snow-covered, slippery, or have steep uphill or downhill slopes.
- When towing a trailer up or down steep slopes.
- When circumstances do not allow safe driving at a constant speed.

Adaptive Cruise Control (ACC) Operation

The speed control buttons (located on the right side of the steering wheel) operates the ACC system.



Adaptive Cruise Control Buttons

1 — NORMAL (FIXED SPEED) CRUISE CONTROL ON/OFF
2 — SET+/ACCEL
3 — RESUME
4 — SET-/DECEL
5 — DISTANCE SETTING — INCREASE
6 — ADAPTIVE CRUISE CONTROL (ACC) ON/OFF
7 — DISTANCE SETTING — DECREASE
8 — CANCEL

NOTE:

Any chassis/suspension or tire size modifications to the vehicle will effect the performance of the Adaptive Cruise Control and Forward Collision Warning System.

Activating Adaptive Cruise Control (ACC)

You can only engage ACC if the vehicle speed is above 0 mph (0 km/h).

The minimum Set Speed for the ACC system is 19 mph (30 km/h).

When the system is turned on and in the READY state, the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID) displays “ACC Ready.”

When the system is OFF, the EVIC/DID displays “Adaptive Cruise Control (ACC) Off.”

NOTE:
You cannot engage ACC under the following conditions:

- **When in Four-Wheel Drive Low.**
- **When you apply the brakes.**
- **When the parking brake is set.**
- **When the automatic transmission is in PARK, REVERSE or NEUTRAL.**
- **When the Vehicle speed is outside of the speed range.**
- **When the brakes are overheated.**
- **When the driver door is open.**
- **When the driver seat belt is unbuckled.**

To Activate/Deactivate

Push and release the Adaptive Cruise Control (ACC) ON/OFF button. The ACC menu in the EVIC/DID displays “ACC Ready.”

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Adaptive Cruise Control Ready

To turn the system OFF, push and release the Adaptive Cruise Control (ACC) ON/OFF button again. At this time, the system will turn off and the EVIC/DID will display “Adaptive Cruise Control (ACC) Off.”

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Adaptive Cruise Control Off

WARNING!

Leaving the Adaptive Cruise Control (ACC) system on when not in use is dangerous. You could accidentally set the system or cause it to go faster than you want. You could lose control and have a collision. Always leave the system off when you are not using it.

To Set A Desired ACC Speed

When the vehicle reaches the speed desired, push the SET **+** button or the SET **-** button and release. The EVIC/DID will display the set speed.

If the system is Set when the vehicle speed is below 19 mph (30 km/h), the Set Speed shall be defaulted to 19 mph (30 km/h). If the system is Set when the vehicle speed is above 19 mph (30 km/h), the Set Speed shall be the current speed of the vehicle.

NOTE:

ACC cannot be set if there is a stationary vehicle in front of your vehicle in close proximity.

Remove your foot from the accelerator pedal. If you do not, the vehicle may continue to accelerate beyond the set speed. If this occurs:

- The message “DRIVER OVERRIDE” will display in the EVIC/DID.
- The system will not be controlling the distance between your vehicle and the vehicle ahead. The vehicle speed will only be determined by the position of the accelerator pedal.

To Cancel

The following conditions cancel the system:

- The brake pedal is applied.
- The CANCEL button is pressed.
- An Anti-Lock Brake System (ABS) event occurs.
- The shift lever/gear selector is removed from the Drive position.
- The Electronic Stability Control/Traction Control System (ESC/TCS) activates.
- The vehicle parking brake is applied.
- Driver seatbelt is unbuckled at low speeds.
- Driver door is opened at low speeds.
- A Trailer Sway Control (TSC) event occurs.
- The driver switches ESC to full-off mode.

To Turn Off

The system will turn off and clear the set speed in memory if:

- The Adaptive Cruise Control (ACC) ON/OFF button is pressed.
- The Normal (Fixed Speed) Electronic Speed Control ON/OFF button is pressed.
- The ignition is turned OFF.
- You switch to Four-Wheel Drive Low.

To Resume

If there is a set speed in memory press the RES (resume) button and then remove your foot from the accelerator pedal. The EVIC/DID will display the last set speed.

NOTE:

- **If your vehicle stays at standstill for longer than two seconds, then the driver will either have to press the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing Set Speed.**
- **ACC cannot be resumed if there is a stationary vehicle in-front of your vehicle in close proximity.**

WARNING!

The Resume function should only be used if traffic and road conditions permit. Resuming a set speed that is too high or too low for prevailing traffic and road conditions could cause the vehicle to accelerate or decelerate too sharply for safe operation. Failure to follow these warnings can result in a collision and death or serious personal injury.

To Vary The Speed Setting

To Increase Speed

While ACC is set, you can increase the set speed by pressing the SET **+** button.

The drivers preferred units can be selected through the instrument panel settings if equipped. Refer to " Understanding Your Instrument Panel" for more information. The speed increment shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pressing the SET **+** button once will result in a 1 mph increase in set speed. Each subsequent tap of the button results in an increase of 1 mph.
- If the button is continually pressed, the set speed will continue to increase in 5 mph increments until the button is released. The increase in set speed is reflected in the EVIC/DID.

Metric Speed (km/h)

- Pressing the SET **+** button once will result in a 1 km/h increase in set speed. Each subsequent tap of the button results in an increase of 1 km/h.
- If the button is continually pressed, the set speed will continue to increase in 10 km/h increments until the button is released. The increase in set speed is reflected in the EVIC/DID.

To Decrease Speed

While ACC is set, the set speed can be decreased by pressing the SET **-** button.

The drivers preferred units can be selected through the instrument panel settings if equipped. Refer to " Understanding Your Instrument Panel" for more information. The speed decrement shown is dependant on the chosen speed unit of U.S. (mph) or Metric (km/h):

U.S. Speed (mph)

- Pressing the SET **-** button once will result in a 1 mph decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph.
- If the button is continually pressed, the set speed will continue to decrease in 5 mph increments until the button is released. The decrease in set speed is reflected in the EVIC/DID.

Metric Speed (km/h)

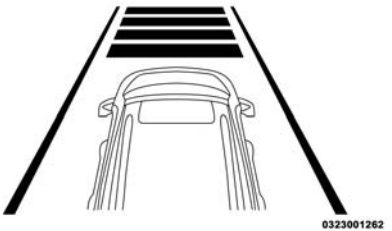
- Pressing the SET **-** button once will result in a 1 km/h decrease in set speed. Each subsequent tap of the button results in a decrease of 1 km/h.
- If the button is continually pressed, the set speed will continue to decrease in 10 km/h increments until the button is released. The decrease in set speed is reflected in the EVIC/DID.

NOTE:

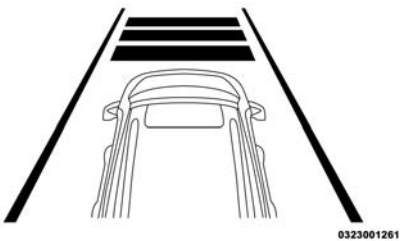
- **When you override and push the SET + button or SET - buttons, the new Set Speed will be the current speed of the vehicle.**
- **When you use the SET - button to decelerate, if the engine's braking power does not slow the vehicle sufficiently to reach the set speed, the brake system will automatically slow the vehicle.**
- **The ACC system decelerates the vehicle to a full stop when following a target vehicle. If an ACC host vehicle follows a target vehicle to a standstill, after two seconds the driver will either have to press the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing Set Speed.**
- **The ACC system maintains set speed when driving up hill and down hill. However, a slight speed change on moderate hills is normal. In addition, downshifting may occur while climbing uphill or descending downhill. This is normal operation and necessary to maintain set speed. When driving up hill and down hill, the ACC system will cancel if the braking temperature exceeds normal range (overheated).**

Setting The Following Distance In ACC

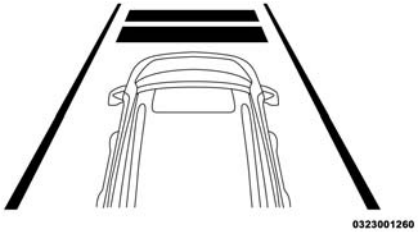
The specified following distance for ACC can be set by varying the distance setting between four bars (longest), three bars (long), two bars (medium) and one bar (short). Using this distance setting and the vehicle speed, ACC calculates and sets the distance to the vehicle ahead. This distance setting displays in the EVIC/DID.



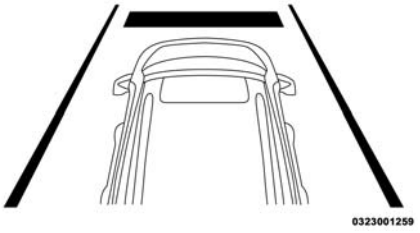
Distance Setting 4 Bars (Longest)



Distance Setting 3 Bars (Long)



Distance Setting 2 Bars (Medium)



Distance Setting 1 Bar (Short)

To increase the distance setting, press the Distance Setting — Increase button and release. Each time the button is pressed, the distance setting increases by one bar (longer).

To decrease the distance setting, press the Distance Setting — Decrease button and release. Each time the button is pressed, the distance setting decreases by one bar (shorter).

If there is no vehicle ahead, the vehicle will maintain the set speed. If a slower moving vehicle is detected in the same lane, the EVIC/DID displays the "Sensed Vehicle Indicator" icon, and the system adjusts vehicle speed automatically to maintain the distance setting, regardless of the set speed.

The vehicle will then maintain the set distance until:

- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of your lane or view of the sensor.
- The distance setting is changed.
- The system disengages. (Refer to the information on ACC Activation).

The maximum braking applied by ACC is limited; however, the driver can always apply the brakes manually, if necessary.

NOTE:

The brake lights will illuminate whenever the ACC system applies the brakes.

A Proximity Warning will alert the driver if ACC predicts that its maximum braking level is not sufficient to maintain the set distance. If this occurs, a visual alert "BRAKE" will flash in the EVIC/DID and a chime will sound while ACC continues to apply its maximum braking capacity.

Brake Alert

NOTE:
The "Brake!" Screen in the EVIC/DID is a warning for the driver to take action and does not necessarily mean that the Forward Collision Warning system is applying the brakes autonomously.

Overtake Aid

When driving with ACC engaged and following a target vehicle, the system will provide an additional acceleration to assist in passing vehicles in front. This additional acceleration is triggered when the driver utilizes the left turn signal. In locations with left hand drive traffic, Overtake Aid is active only when passing on the left hand side of the Target vehicles.

When a vehicle goes from a location with left hand drive traffic to a location with right hand drive traffic, the ACC system will automatically detect traffic direction. In this condition, Overtake Aid is active only when passing on the right side of the Target vehicle. This additional acceleration is triggered when the driver utilizes the right turn signal. In this condition the ACC system will no longer provide Overtake Aid on the left side until it determines that the vehicle has moved back to a location with left hand drive traffic.

ACC Operation At Stop

In the event that the ACC system brings your vehicle to a standstill while following a target vehicle, if the target vehicle starts moving within two seconds of your vehicle coming to a standstill, your vehicle will resume motion without the need for any driver action.

If the target vehicle does not start moving within two seconds of your vehicle coming to a standstill, the driver will either have to press the RES (resume) button, or apply the accelerator pedal to reengage the ACC to the existing Set Speed.

NOTE:
After the ACC system holds your vehicle at a standstill for approximately 3 consecutive minutes, the parking brake will be activated, and the ACC system will be cancelled.

While ACC is holding your vehicle at a standstill, if the driver seatbelt is unbuckled or the driver door is opened, the parking brake will be activated, and the ACC system will be cancelled.

WARNING!

When the ACC system is resumed, the driver must ensure that there are no pedestrians, vehicles or objects in the path of the vehicle. Failure to follow these warnings can result in a collision and death or serious personal injury.

Adaptive Cruise Control (ACC) Menu

The EVIC/DID displays the current ACC system settings. The EVIC/DID is located in the center of the instrument cluster. The information it displays depends on ACC system status.

Press the ADAPTIVE CRUISE CONTROL (ACC) ON/OFF button (located on the steering wheel) until one of the following displays in the EVIC/DID:

Adaptive Cruise Control Off

When ACC is deactivated, the display will read "Adaptive Cruise Control Off."

Adaptive Cruise Control Ready

When ACC is activated but the vehicle speed setting has not been selected, the display will read “Adaptive Cruise Control Ready.”

Press the SET + or the SET- button (located on the steering wheel) and the following will display in the EVIC/DID:

ACC SET

When ACC is set, the set speed will display in the instrument cluster.

The ACC screen may display once again if any ACC activity occurs, which may include any of the following:

- System Cancel
- Driver Override
- System Off
- ACC Proximity Warning
- ACC Unavailable Warning
- The EVIC/DID will return to the last display selected after five seconds of no ACC display activity

Display Warnings And Maintenance

“Wipe Front Radar Sensor In Front Of Vehicle” Warning

The “ACC/FCW Unavailable Wipe Front Radar Sensor” warning will display and also a chime will indicate when conditions temporarily limit system performance.

This most often occurs at times of poor visibility, such as in snow or heavy rain. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt or ice. In these cases, the EVIC/DID will display “ACC/FCW Unavailable Wipe Front Radar Sensor” and the system will deactivate.

The “ACC/FCW Unavailable Wipe Front Radar Sensor” message can sometimes be displayed while driving in highly reflective areas (i.e. tunnels with reflective tiles, or ice and snow). The ACC system will recover after the vehicle has left these areas. Under rare conditions, when the radar is not tracking any vehicles or objects in its path this warning may temporarily occur.

NOTE:
If the “ACC/FCW Unavailable Wipe Front Radar Sensor” warning is active Normal (Fixed Speed) Cruise Control is still available. For additional information refer to “Normal (Fixed Speed) Cruise Control Mode” in this section.

If weather conditions are not a factor, the driver should examine the sensor. It may require cleaning or removal of an obstruction. The sensor is located in the center of the vehicle behind the lower grille.

To keep the ACC System operating properly, it is important to note the following maintenance items:

- Always keep the sensor clean. Carefully wipe the sensor lens with a soft cloth. Be cautious not to damage the sensor lens.
- Do not remove any screws from the sensor. Doing so could cause an ACC system malfunction or failure and require a sensor realignment.

- If the sensor or front end of the vehicle is damaged due to a collision, see your authorized dealer for service.
- Do not attach or install any accessories near the sensor, including transparent material or aftermarket grilles. Doing so could cause an ACC system failure or malfunction.

When the condition that deactivated the system is no longer present, the system will return to the “Adaptive Cruise Control Off” state and will resume function by simply reactivating it.

NOTE:

- **If the “ACC/FCW Unavailable Wipe Front Radar Sensor” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the radar sensor realigned at your authorized dealer.**
- **Installing a snow plow, front-end protector, an aftermarket grille or modifying the grille is not recommended. Doing so may block the sensor and inhibit ACC/FCW operation.**

“Clean Front Windshield” Warning

The “ACC/FCW Limited Functionality Clean Front Windshield” warning will display and also a chime will indicate when conditions temporarily limit system performance. This most often occurs at times of poor visibility, such as in snow or heavy rain and fog. The ACC system may also become temporarily blinded due to obstructions, such as mud, dirt, or ice on windshield and fog on the inside of glass. In these cases, the EVIC/DID will display “ACC/FCW Limited Functionality Clean Front Windshield” and the system will have degraded performance.

The “ACC/FCW Limited Functionality Clean Front Windshield” message can sometimes be displayed while driving in adverse weather conditions. The ACC/FCW system will recover after the vehicle has left these areas. Under rare conditions, when the camera is not tracking any vehicles or objects in its path this warning may temporarily occur.

If weather conditions are not a factor, the driver should examine the windshield and the camera located on the back side of the inside rear view mirror. They may require cleaning or removal of an obstruction.

When the condition that created limited functionality is no longer present, the system will return to full functionality.

NOTE:

If the “ACC/FCW Limited Functionality Clean Front Windshield” message occurs frequently (e.g. more than once on every trip) without any snow, rain, mud, or other obstruction, have the windshield and forward facing camera inspected at your authorized dealer.

Service ACC/FCW Warning

If the system turns off, and the EVIC/DID displays “ACC/FCW Unavailable Service Required” or “Cruise/FCW Unavailable Service Required”, there may be an internal system fault or a temporary malfunction that limits ACC functionality. Although the vehicle is still drivable under normal conditions, ACC will be temporarily unavailable. If this occurs, try activating ACC again later, following a key cycle. If the problem persists, see your authorized dealer.

Precautions While Driving With ACC

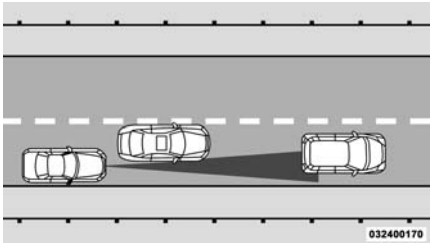
In certain driving situations, ACC may have detection issues. In these cases, ACC may brake late or unexpectedly. The driver needs to stay alert and may need to intervene.

Towing A Trailer

Towing a trailer is not advised when using ACC.

Offset Driving

ACC may not detect a vehicle in the same lane that is offset from your direct line of travel, or a vehicle merging in from a side lane. There may not be sufficient distance to the vehicle ahead. The offset vehicle may move in and out of the line of travel, which can cause your vehicle to brake or accelerate unexpectedly.

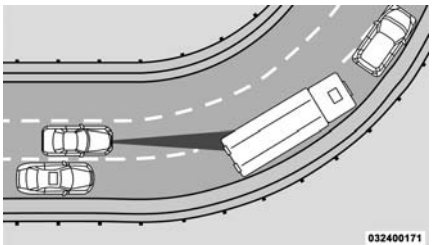


Offset Driving Condition Example

Turns And Bends

When driving on a curve with ACC engaged, the system may decrease the vehicle speed and acceleration for stability reasons, with no target vehicle detected. Once the vehicle is out of the curve the system will resume your original Set Speed. This is a part of normal ACC system functionality.

NOTE:
On tight turns ACC performance may be limited.



Turn Or Bend Example

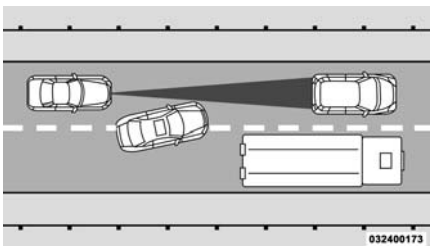
Using ACC On Hills

When driving on hills, ACC may not detect a vehicle in your lane. Depending on the speed, vehicle load, traffic conditions, and the steepness of the hills, ACC performance may be limited.

ACC Hill Example

Lane Changing

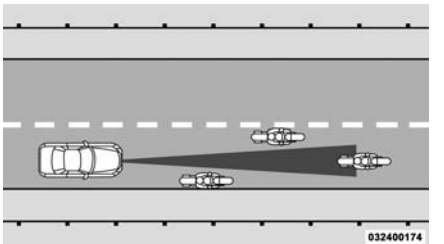
ACC may not detect a vehicle until it is completely in the lane in which you are traveling. In the illustration shown, ACC has not yet detected the vehicle changing lanes and it may not detect the vehicle until it's too late for the ACC system to take action. ACC may not detect a vehicle until it is completely in the lane. There may not be sufficient distance to the lane-changing vehicle. Always be attentive and ready to apply the brakes if necessary.



Lane Changing Example

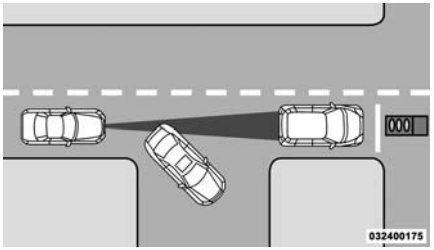
Narrow Vehicles

Some narrow vehicles traveling near the outer edges of the lane or edging into the lane are not detected until they have moved fully into the lane. There may not be sufficient distance to the vehicle ahead.



Narrow Vehicle Example

Stationary Objects And Vehicles
ACC does not react to stationary objects and stationary vehicles. For example, ACC will not react in situations where the vehicle you are following exits your lane and the vehicle ahead is stopped in your lane. Always be attentive and ready to apply the brakes if necessary.



Stationary Object And Stationary Vehicle Example

Normal (Fixed Speed) Electronic Speed Control Mode

In addition to Adaptive Cruise Control mode, a Normal (Fixed Speed) Electronic Speed Control mode is available for cruising at fixed speeds. The Normal (Fixed Speed) Electronic Speed Control mode is designed to maintain a set cruising speed without requiring the driver to operate the accelerator. Electronic Speed Control can only be operated if the vehicle speed is above 19 mph (30 km/h).

To change between the different control modes, press the ADAPTIVE CRUISE CONTROL (ACC) ON/OFF button which turns the ACC and the NORMAL (Fixed Speed) ELECTRONIC SPEED CONTROL OFF. Pressing of the NORMAL (Fixed Speed) ELECTRONIC SPEED CONTROL ON/OFF button will result in turning ON (changing to) the Normal (Fixed Speed) Electronic Speed Control mode.

WARNING!

In the normal Cruise Control mode, the system will not react to vehicles ahead. In addition, the proximity warning does not activate and no alarm will sound even if you are too close to the vehicle ahead since neither the presence of the vehicle ahead nor the vehicle-to vehicle distance is detected. Be sure to maintain a safe distance between your vehicle and the vehicle ahead. Always be aware which mode is selected.

To Set A Desired Speed

Turn the Normal (Fixed Speed) Electronic Speed Control ON. When the vehicle has reached the desired speed, press the SET (+) or SET (-) button and release. Release the accelerator and the vehicle will operate at the selected speed. Once a speed has been set a message (CRUISE CONTROL SET TO MPH/KM) will appear indicating

what speed was set. This light will turn on when the electronic speed control is SET.

To Vary The Speed Setting
To Increase Speed

When the Normal (Fixed Speed) Electronic Speed Control is set, you can increase speed by pressing the SET **+** button.

The drivers preferred units can be selected through the instrument panel settings if equipped. Refer to "Understanding Your Instrument Panel" for more information. The speed increment shown is dependant on the speed of U.S. (mph) or Metric (km/h) units:

U.S. Speed (mph)

- Pressing the SET **+** button once will result in a 1 mph increase in set speed. Each subsequent tap of the button results in an increase of 1 mph.
- If the button is continually pressed, the set speed will continue to increase in 5 mph increments until the button is released. The increase in set speed is reflected in the EVIC/DID display.

To Decrease Speed

When the Normal (Fixed Speed) Cruise Control is set, you can decrease speed by pressing the SET **-** button.

The drivers preferred units can be selected through the instrument panel settings if equipped. Refer to "Understanding Your Instrument Panel" for more information. The speed decrement shown is dependant on the speed of U.S. (mph) or Metric (km/h) units:

U.S. Speed (mph)

- Pressing the SET **-** button once will result in a 1 mph decrease in set speed. Each subsequent tap of the button results in a decrease of 1 mph.
- If the button is continually pressed, the set speed will continue to decrease in 5 mph increments until the button is released. The decrease in set speed is reflected in the EVIC/DID display.

Metric Speed (km/h)

- Pressing the SET **-** button once will result in a 1 km/h decrease in set speed. Each subsequent tap of the button results in a decrease of 1 km/h.
- If the button is continually pressed, the set speed will continue to decrease in 10 km/h increments until the button is released. The decrease in set speed is reflected in the EVIC/DID display.

To Cancel

The following conditions will cancel the Normal (Fixed Speed) Electronic Speed Control without clearing the memory:

- The brake pedal is applied.
- The CANCEL button is pressed.
- The Electronic Stability Control/Traction Control System (ESC/TCS) activates.
- The vehicle parking brake is applied.

- The braking temperature exceeds normal range (overheated).
- The shift lever/gear selector is removed from the Drive position.

To Resume Speed
To resume a previously set speed, push the RES button and release. Resume can be used at any speed above 19 mph (30 km/h).

To Turn Off
The system will turn off and erase the set speed in memory if:

- The Normal (Fixed Speed) Electronic Speed Control ON/OFF button is pressed.
- The ignition is turned off.
- You engage Four-Wheel Drive Low.
- The Adaptive Cruise Control (ACC) On/Off button is pressed.

FORWARD COLLISION WARNING (FCW) WITH MITIGATION — IF EQUIPPED

Forward Collision Warning (FCW) With Mitigation Operation

The Forward Collision Warning (FCW) system with mitigation provides the driver with audible warnings, visual warnings (within the EVIC/DID), and may apply a brake jerk to warn the driver when it detects a potential frontal collision. The warnings and limited braking are intended to provide the driver with enough time to react, avoid or mitigate the potential collision.

NOTE:
FCW monitors the information from the forward looking sensors as well as the Electronic Brake Controller (EBC), to calculate the probability of a forward collision. When the system determines that a forward collision is probable, the driver will be provided with audible and visual warnings and may provide a brake jerk warning.

If the driver does not take action based upon these progressive warnings, then the system will provide a limited level of active braking to help slow the vehicle and mitigate the potential forward collision. If the driver reacts to the warnings by braking and the system determines that the driver intends to avoid the collision by braking but has not applied sufficient brake force, the system will compensate and provide additional brake force as required.

If a Forward Collision Warning with Mitigation event begins at a speed below 20 mph (32 km/h), the system may provide the maximum braking possible to mitigate the potential forward collision. If the Forward Collision Warning with Mitigation event stops the vehicle completely, the system will hold the vehicle at standstill for two seconds and then release the brakes.

FCW Message

When the system determines a collision with the vehicle in front of you is no longer probable, the warning message will be deactivated.

NOTE:

- **The minimum speed for FCW activation is 1 mph (2 km/h).**
- **The FCW alerts may be triggered on objects other than vehicles such as guard rails or sign posts based on the course prediction. This is expected and is a part of normal FCW activation and functionality.**
- **It is unsafe to test the FCW system. To prevent such misuse of the system, after four Active Braking events within a key cycle, the Active Braking portion of FCW will be deactivated until the next key cycle.**
- **The FCW system is intended for on-road use only. If the vehicle is taken off-road, the FCW system should be deactivated to prevent unnecessary warnings to the surroundings.**

WARNING!

Forward Collision Warning (FCW) is not intended to avoid a collision on its own, nor can FCW detect every type of potential collision. The driver has the responsibility to avoid a collision by controlling the vehicle via braking and steering. Failure to follow this warning could lead to serious injury or death.

Turning FCW ON Or OFF

NOTE:

The default status of FCW is "On", this allows the system to warn you of a possible collision with the vehicle in front of you.

The forward collision button is located on the switch panel below the Uconnect® display.

Forward Collision Button

To turn the FCW system OFF, press the forward collision button once to turn the system OFF (LED turns on).

To turn the FCW system back ON, press the forward collision button again to turn the system ON (LED turns off).

- Changing the FCW status to “Off” prevents the system from warning you of a possible collision with the vehicle in front of you.
- Changing the FCW sensitivity - Near vs. Far. Far warns the driver of a possible collision earlier and Near warns the driver later.
- Changing the Active Braking status to “Off” prevents the system from providing limited active braking, or additional brake support if the driver is not braking adequately in the event of a potential frontal collision, but maintains the audible and visual warnings.

NOTE:

The FCW system state is kept in memory from one key cycle to the next. If the system is turned OFF, it will remain off when the vehicle is restarted.

Changing FCW And Active Braking Status

The FCW Sensitivity And Active Braking Settings are programmable through the Uconnect® System. Refer to “Uconnect® Settings” in “Understanding Your Instrument Panel” for further information.

The default status of FCW is the “Far” setting and the Active Braking is the “On” setting, this allows the system to warn you of a possible collision with the vehicle in front of you when you are farther away and it applies limited braking. This gives you the most reaction time to avoid a possible collision.

Changing the FCW status to the “Near” setting, allows the system to warn you of a possible collision with the vehicle in front of you when you are much closer. This setting provides less reaction time than the “Far” setting, which allows for a more dynamic driving experience.

NOTE:

- **The system will retain the last setting selected by the driver after ignition shut down.**
- **FCW may not react to irrelevant objects such as overhead objects, ground reflections, objects not in the path of the car, stationary objects that are far away, oncoming traffic, or leading vehicles with the same or higher rate of speed.**
- **FCW will be disabled like ACC, with the unavailable screens.**

FCW Limited Warning

If the EVIC/DID displays “ACC/FCW Limited Functionality” or “ACC/FCW Limited Functionality Clean Front Windshield” momentarily, there may be a condition that limits FCW functionality. Although the vehicle is still drivable under normal conditions, the active braking may not be fully available. Once the condition that limited the system performance is no longer present, the system will return to its full performance state. If the problem persists, see your authorized dealer.

Service FCW Warning

If the system turns off, and the EVIC/DID displays:

- ACC/FCW Unavailable Service Required
- Cruise/FCW Unavailable Service Required

This indicates there is an internal system fault. Although the vehicle is still drivable under normal conditions, have the system checked by an authorized dealer.

LANESENSE — IF EQUIPPED

LaneSense Operation

The LaneSense system is operational at speeds above 37 mph (60 km/h) and below 112 mph (180 km/h). The LaneSense system uses a forward looking camera to detect lane markings and measure vehicle position within the lane boundaries.

When both lane markings are detected and the driver unintentionally drifts out of the lane (no turn signal applied), the LaneSense system provides a haptic warning in the form of torque applied to the steering wheel to prompt the driver to remain within the lane boundaries. If the driver continues to unintentionally drift out of the lane, the LaneSense system provides a visual warning through the EVIC/DID to prompt the driver to remain within the lane boundaries.

The driver may manually override the haptic warning by applying torque into the steering wheel at any time.

When only a single lane marking is detected and the driver unintentionally drifts across the lane marking (no turn signal applied), the LaneSense system provides a visual warning through the EVIC/DID to prompt the driver to remain within the lane. When only a single lane marking is detected, a haptic (torque) warning will not be provided.

NOTE:

When operating conditions have been met, the LaneSense system will monitor if the driver’s hands are on the steering wheel and provides an audible warning to the driver when the driver’s hands are not detected on the steering wheel. The system will cancel if the driver does not return their hands to the wheel.

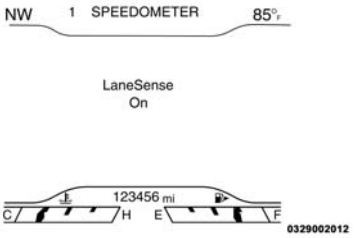
Turning LaneSense ON Or OFF

The default status of LaneSense is “OFF”.

The LaneSense button is located on the switch panel below the Uconnect® display.

LaneSense Warning Button

To turn the LaneSense system ON, press the LaneSense button to turn the system ON (LED turns off). A “Lane Sense On” message is shown in the EVIC/DID.



Lane Sense On Message

To turn the LaneSense system OFF, press the LaneSense button once to turn the system OFF (LED turns on).

NOTE:

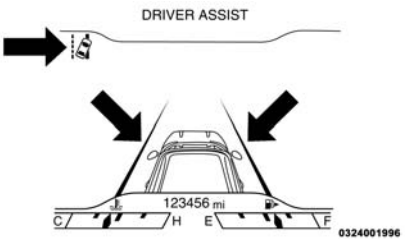
The LaneSense system will retain the last system state ON or OFF from the last ignition cycle when the ignition is changed to the ON/RUN position.

LaneSense Warning Message

The LaneSense system will indicate the current lane drift condition through the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID).

3.5 EVIC Screen — If Equipped

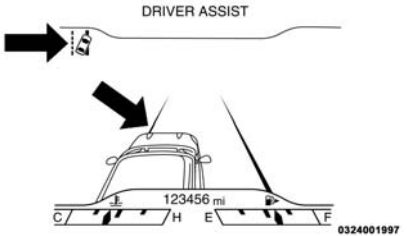
When the LaneSense system is ON; the lane lines are gray when both of the lane boundaries have not been detected and the LaneSense indicator is solid white.



System ON (Gray Lines/White Indicator)

Left Lane Departure — Only Left Lane Detected

- When the LaneSense system is ON, the LaneSense indicator is solid white when only the left lane marking has been detected and the system is ready to provide visual warnings in the EVIC if an unintentional lane departure occurs.
- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes from white to gray, the left thin line remains solid white and the LaneSense indicator changes from solid white to flashing yellow.



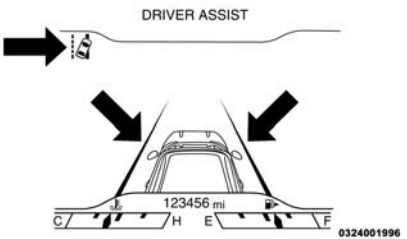
Lane Approached (Flashing White To Gray Thick Line/Flashing Yellow Indicator)

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure when only the right lane marking has been detected.

Left Lane Departure — Both Lanes Detected

- When the LaneSense system is ON, the lane lines turn from gray to white to indicate that both of the lane markings have been detected. The LaneSense indicator is solid green when both lane markings have been detected and the system is “armed” to provide visual warnings in the EVIC and a torque warning in the steering wheel if an unintentional lane departure occurs.

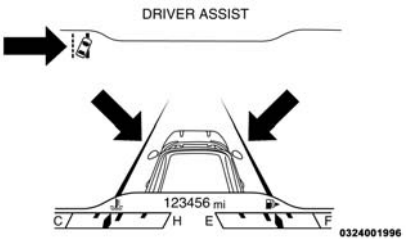


Lanes Sensed (White Lines/Green Indicator)

- When the LaneSense system senses a lane drift situation, the left thick lane line and the left thin line turn solid white. The LaneSense

indicator changes from solid green to solid yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

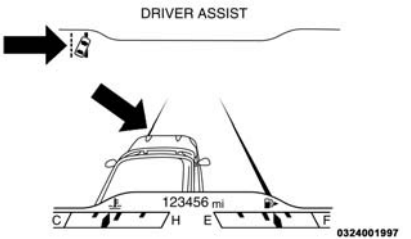
- For example: If approaching the left side of the lane the steering wheel will turn to the right.



Lane Sensed (Solid White Thick Line, Solid White Thin Line/Solid Yellow Indicator)

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes from white to gray, the left thin line remains solid white and the LaneSense indicator changes from solid yellow to flashing yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

- For example: If approaching the left side of the lane the steering wheel will turn to the right.

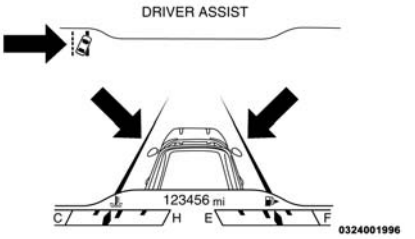


Lane Approached (Flashing White To Gray Thick Line, Solid White Thin Line/Flashing Yellow Indicator)

NOTE:
The LaneSense system operates with the similar behavior for a right lane departure.

7.0 DID Screen — If Equipped

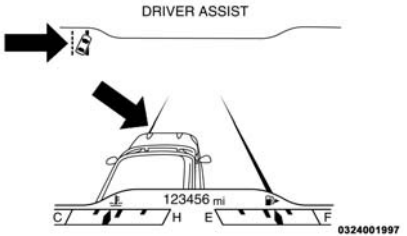
When the LaneSense system is ON; the lane lines are gray when both of the lane boundaries have not been detected and the LaneSense indicator is solid white.



System ON (Gray Lines/White Indicator)

Left Lane Departure — Only Left Lane Detected

- When the LaneSense system is ON, the LaneSense indicator is solid white when only the left lane marking has been detected and the system is ready to provide visual warnings in the DID if an unintentional lane departure occurs.
- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes yellow (on/off), the left thin line remains solid yellow and the LaneSense indicator changes from solid white to flashing yellow.



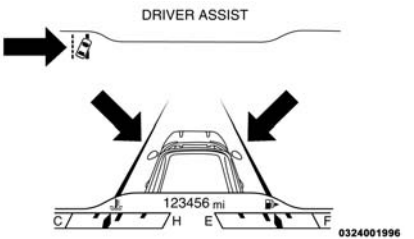
Lane Approached (Flashing Yellow Thick Line, Solid Yellow Thin Line/Flashing Yellow Indicator)

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure when only the right lane marking has been detected.

Left Lane Departure — Both Lanes Detected

- When the LaneSense system is ON, the lane lines turn from gray to white to indicate that both of the lane markings have been detected. The LaneSense indicator is solid green when both lane markings have been detected and the system is “armed” to provide visual warnings in the DID and a torque warning in the steering wheel if an unintentional lane departure occurs.

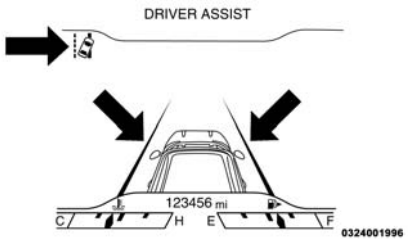


Lanes Sensed (White Lines/Green Indicator)

- When the LaneSense system senses a lane drift situation, the left thick lane line and left thin line turn solid yellow. The LaneSense

indicator changes from solid green to solid yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

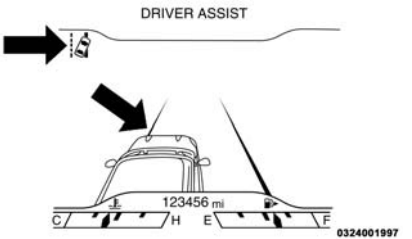
- For example: If approaching the left side of the lane the steering wheel will turn to the right.



Lane Sensed (Solid Yellow Thick Line, Solid Yellow Thin Line/Solid Yellow Indicator)

- When the LaneSense system senses the lane has been approached and is in a lane departure situation, the left thick lane line flashes yellow (on/off) and the left thin line remains solid yellow. The LaneSense indicator changes from solid yellow to flashing yellow. At this time torque is applied to the steering wheel in the opposite direction of the lane boundary.

- For example: If approaching the left side of the lane the steering wheel will turn to the right.



Lane Approached (Flashing Yellow Thick Line, Solid Yellow Thin Line/Flashing Yellow Indicator)

NOTE:

The LaneSense system operates with the similar behavior for a right lane departure.

Changing LaneSense Status

The LaneSense system has settings to adjust the intensity of the torque warning and the warning zone sensitivity (early/late) that you can configure through the Uconnect® system screen. Refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

NOTE:

- **When enabled the system operates above 37 mph (60 km/h) and below 112 mph (180 km/h).**
- **Use of the turn signal suppresses the warnings.**
- **The system will not apply torque to the steering wheel whenever a safety system engages. (anti-lock brakes, traction control system, electronic stability control, forward collision warning, etc.).**

PARKSENSE® REAR PARK ASSIST — IF EQUIPPED

The ParkSense® Rear Park Assist system provides visual and audible indications of the distance between the rear fascia and a detected obstacle when backing up, e.g. during a parking maneuver. Refer to ParkSense® System Usage Precautions for limitations of this system and recommendations.

ParkSense® will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is changed to the ON/RUN position.

ParkSense® can be active only when the shift lever/gear selector is in REVERSE. If ParkSense® is enabled at this shift lever/gear selector position, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. When in REVERSE and above the system's operating speed, a warning will appear within the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID) indicating the vehicle speed is too fast. The system will become active again if the vehicle speed is decreased to speeds less than approximately 6 mph (9 km/h).

ParkSense® Sensors

The four ParkSense® sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 in (30 cm) up to 79 in (200 cm) from the rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

ParkSense® Warning Display

The ParkSense® Warning screen will only be displayed if Sound and Display is selected from the Customer - Programmable Features section of the Uconnect® System. Refer to "Uconnect® Settings" in "Understanding Your Instrument Panel" for further information.

The ParkSense® Warning screen is located within the EVIC/DID. It provides visual warnings to indicate the distance between the rear fascia/bumper and the detected obstacle. Refer to "Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID)" for further information.

ParkSense® Display

When the vehicle is in REVERSE, the EVIC/DID will display the park assist ready system status.

The system will indicate a detected obstacle by showing a single arc in one or more regions based on the obstacle's distance and location relative to the vehicle.

If an obstacle is detected in the center rear region, the display will show a single solid arc in the center rear region and will produce a one-half second tone. As the vehicle moves closer to the obstacle, the display will show the single arc moving closer to the vehicle and the sound tone will change from slow, to fast, to continuous.

If an obstacle is detected in the left and/or right rear region, the display will show a single flashing arc in the left and/or right rear region and will produce a fast sound tone. As the vehicle moves closer to the obstacle, the display will show the single arc moving closer to the vehicle and the tone will change from fast to continuous.

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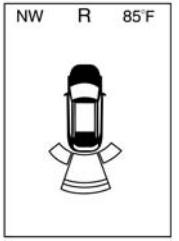
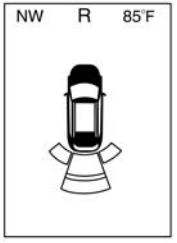
Single 1/2 Second Tone/Solid Arc



0329002016

Slow Tone/Solid Arc



0329002018

Slow Tone/Solid Arc

0329002020

Fast Tone/Flashing Arc

0329002022

Continuous Tone/Flashing Arc

The vehicle is close to the obstacle when the warning display shows one flashing arc and sounds a continuous tone. The following chart shows the warning alert operation when the system is detecting an obstacle:

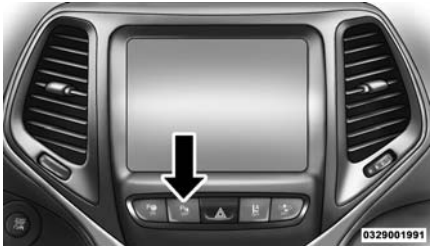
WARNING ALERTS							
Rear Distance (in/cm)	Greater than 79 in (200 cm)	79-59 in (200-150 cm)	59-47 in (150-120 cm)	47-39 in (120-100 cm)	39-25 in (100-65 cm)	25-12 in (65-30 cm)	Less than 12 in (30 cm)
Arcs — Left	None	None	None	None	None	2nd Flashing	1st Flashing
Arcs — Center	None	6th Solid	5th Solid	4th Solid	3rd Flashing	2nd Flashing	1st Flashing
Arcs — Right	None	None	None	None	None	2nd Flashing	1st Flashing
Audible Alert Chime	None	Single 1/2-Second Tone (for rear center only)	Slow (for rear center only)	Slow (for rear center only)	Fast (for rear center only)	Fast	Continuous
Radio Volume Reduced	No	Yes	Yes	Yes	Yes	Yes	Yes

NOTE:

ParkSense® will reduce the volume of the radio, if on, when the system is sounding an audio tone.

Enabling And Disabling ParkSense®

ParkSense® can be enabled and disabled with the ParkSense® switch, located on the switch panel below the Uconnect® display.



ParkSense® Switch

When the ParkSense® switch is pressed to disable the system, the instrument cluster will display the “PARKSENSE OFF” message for approximately five seconds. Refer to “Electronic Vehicle Information Center (EVIC)” in “Understanding Your Instrument Panel” or “Driver Information Display (DID)” for further information. When the shift lever is moved to REVERSE and the system is disabled, the EVIC/DID will display the “PARKSENSE OFF” message for as long as the vehicle is in REVERSE.

The ParkSense® switch LED will be ON when ParkSense® is disabled or requires service. The ParkSense® switch LED will be OFF when the system is enabled. If the ParkSense® switch is pressed, and requires service, the ParkSense® switch LED will blink momentarily, and then the LED will be ON.

Service The ParkSense® Rear Park Assist System

During vehicle start up, when the ParkSense® Rear Park Assist System has detected a faulted condition, the instrument cluster will actuate a single chime, once per ignition cycle, and it will display the “PARKSENSE UNAVAILABLE WIPE REAR SENSORS” or the “PARKSENSE UNAVAILABLE SERVICE REQUIRED” message. Refer to “Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID)” for further information. When the shift lever/gear selector is moved to REVERSE and the system has detected a faulted condition, the EVIC/DID will display the "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" or "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message for as long as the vehicle is in REVERSE. Under this condition, ParkSense® will not operate.

If “PARKSENSE UNAVAILABLE WIPE REAR SENSORS” appears in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID) make sure the outer surface and the underside of the rear fascia/bumper is clean and clear of snow, ice, mud, dirt or other obstruction and then cycle the ignition. If the message continues to appear, see an authorized dealer.

If “PARKSENSE UNAVAILABLE SERVICE REQUIRED” appears in the EVIC/DID, see an authorized dealer.

Cleaning The ParkSense® System

Clean the ParkSense® sensors with water, car wash soap and a soft cloth. Do not use rough or hard cloths. Do not scratch or poke the sensors. Otherwise, you could damage the sensors.

ParkSense® System Usage Precautions

NOTE:

- **Ensure that the rear bumper is free of snow, ice, mud, dirt and debris to keep the ParkSense® system operating properly.**
- **Jackhammers, large trucks, and other vibrations could affect the performance of ParkSense®.**
- **When you turn ParkSense® OFF, the instrument cluster will display "PARKSENSE OFF" Furthermore, once you turn ParkSense® off, it remains off until you turn it on again, even if you cycle the ignition key.**
- **When you move the shift lever to the REVERSE position and ParkSense® is turned OFF, the EVIC/DID will display "PARKSENSE OFF" message for as long as the vehicle is in REVERSE.**
- **ParkSense®, when on, will reduce the volume of the radio when it is sounding a tone.**
- **Clean the ParkSense® sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense® system might not detect an obstacle behind the fascia/bumper, or it could provide a false indication that an obstacle is behind the fascia/bumper.**
- **Use the ParkSense® switch to turn the ParkSense® system OFF if objects such as bicycle carriers, trailer hitches, etc. are placed within 12 in (30 cm) from the rear fascia/bumper. Failure to do so can result in the system misinterpreting a close object as a sensor problem, causing the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message to be displayed in the EVIC/DID.**
- **ParkSense® should be disabled when the liftgate is in the open position and the vehicle is in REVERSE. An open liftgate could provide a false indication that an obstacle is behind the vehicle.**

CAUTION!

- ParkSense® is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using ParkSense® in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense®.

WARNING!

- Drivers must be careful when backing up even when using ParkSense®. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.

(Continued)

WARNING! ***(Continued)***

- Before using ParkSense®, it is strongly recommended that the ball mount and hitch ball assembly is disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia when the loudspeaker sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

PARKSENSE® FRONT AND REAR PARK ASSIST — IF EQUIPPED

The ParkSense® Park Assist system provides visual and audible indications of the distance between the rear and/or front fascia and a detected obstacle when backing up or moving forward, e.g. during a parking maneuver. If your vehicle is equipped with an Automatic Transmission, the vehicle brakes may be automatically applied and released when performing a reverse parking maneuver if the system detects a possible collision with an obstacle.

NOTE:

- **The driver can override the automatic braking function by pressing the gas pedal, turning ParkSense® off via ParkSense® switch, or changing the gear while the automatic brakes are being applied.**
- **Automatic brakes will not be available if ESC is not available.**

- **Automatic brakes will not be available if there is a faulted condition detected with the ParkSense® Park Assist system or the Braking System Module.**
- **The automatic braking function may only be applied if the vehicle deceleration is not enough to avoid colliding with a detected obstacle.**
- **The automatic braking function may not be applied fast enough for obstacles that move toward the rear of the vehicle from the left and/or right sides.**
- **The automatic braking function can be enabled/disabled from the Customer-Programmable Features section of the Uconnect® System.**
- **ParkSense® will retain its last known configuration state for the automatic braking function through ignition cycles.**

The automatic braking function is intended to assist the driver in avoiding possible collisions with detected obstacles when backing up in REVERSE gear.

NOTE:

- **The driver is always responsible for controlling the vehicle.**
- **The system is provided to assist the driver and not to substitute the driver.**
- **The driver must stay in full control of the vehicle's acceleration and braking and is responsible for the vehicle's movements.**

Refer to ParkSense® System Usage Precautions for limitations of this system and recommendations.

ParkSense® will retain the last system state (enabled or disabled) from the last ignition cycle when the ignition is changed to the ON/RUN position.

ParkSense® can be active only when the shift lever is in REVERSE or DRIVE. If ParkSense® is enabled at one of these shift lever positions, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. When in REVERSE and above the system's operating speed, a warning will appear in the EVIC/DID indicating the vehicle speed is too fast. The system will become active again if the vehicle speed is decreased to speeds less than approximately 6 mph (9 km/h).

ParkSense® Sensors

The four ParkSense® sensors, located in the rear fascia/bumper, monitor the area behind the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 in (30 cm) up to 79 in (200 cm) from the rear fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

NOTE:

If your vehicle is equipped with the ParkSense® Active Park Assist system, six sensors will be located in the rear fascia/bumper. Refer to the ″ParkSense® Active Park Assist System″ section for further information.

The six ParkSense® sensors, located in the front fascia/bumper, monitor the area in front of the vehicle that is within the sensors' field of view. The sensors can detect obstacles from approximately 12 in (30 cm) up to 47 in (120 cm)

from the front fascia/bumper in the horizontal direction, depending on the location, type and orientation of the obstacle.

ParkSense® Warning Display

The ParkSense® Warning screen will only be displayed if Sound and Display is selected from the Customer - Programmable Features section of the Uconnect® System. Refer to "Uconnect® Settings" in “Understanding Your Instrument Panel” for further information.

The ParkSense® Warning screen is located within the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID). It provides visual warnings to indicate the distance between the rear fascia/bumper and/or front fascia/bumper and the detected obstacle. Refer to “Electronic Vehicle Information Center (EVIC) or 7" Driver Information Display (DID)” for further information.

ParkSense® Display

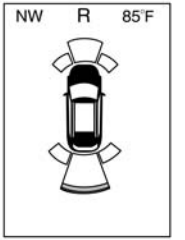
Rear Park Assist

When the vehicle is in REVERSE, the EVIC/ DID will display the park assist ready system status.

The system will indicate a detected obstacle by showing a single arc in one or more regions based on the obstacle’s distance and location relative to the vehicle.

If an obstacle is detected in the center rear region, the display will show a single solid arc in the center rear region and will produce a one-half second tone. As the vehicle moves closer to the obstacle, the display will show the single arc moving closer to the vehicle and the sound tone will change from slow, to fast, to continuous.

If an obstacle is detected in the left and/or right rear region, the display will show a single flashing arc in the left and/or right rear region and will produce a fast sound tone. As the vehicle moves closer to the obstacle, the display will show the single arc moving closer to the vehicle and the tone will change from fast to continuous.

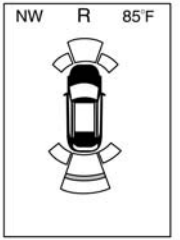


0329002063

Single 1/2 Second Tone/Solid Arc

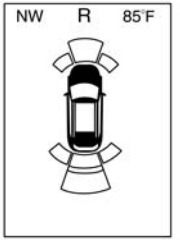
0329002064

Slow Tone/Solid Arc



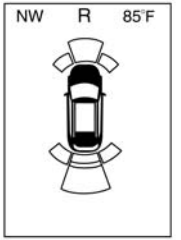
0329002065

Slow Tone/Solid Arc



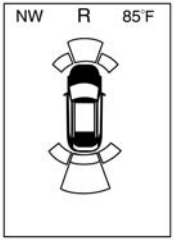
0329002066

Fast Tone/Flashing Arc



0329002019

Fast Tone/Flashing Arc



0329002021

Continuous Tone/Flashing Arc

The vehicle is close to the obstacle when the warning display shows one flashing arc and sounds a continuous tone. The following chart shows the warning alert operation when the system is detecting an obstacle:

WARNING ALERTS							
Rear Distance (in/cm)	Greater than 79 in (200 cm)	79-59 in (200-150 cm)	59-47 in (150-120 cm)	47-39 in (120-100 cm)	39-25 in (100-65 cm)	25-12 in (65-30 cm)	Less than 12 in (30 cm)
Arcs — Left	None	None	None	None	None	2nd Flashing	1st Flashing
Arcs — Center	None	6th Solid	5th Solid	4th Solid	3rd Flashing	2nd Flashing	1st Flashing
Arcs — Right	None	None	None	None	None	2nd Flashing	1st Flashing
Audible Alert Chime	None	Single 1/2-Second Tone (for rear center only)	Slow (for rear center only)	Slow (for rear center only)	Fast (for rear center only)	Fast	Continuous
Radio Volume Reduced	No	Yes	Yes	Yes	Yes	Yes	Yes

NOTE:

ParkSense® will reduce the volume of the radio, if on, when the system is sounding an audio tone.

Front Park Assist

When the vehicle is in DRIVE or NON-REVERSE for manual transmission, the ParkSense® Warning screen will be displayed when an obstacle is detected.

The system will indicate a detected obstacle by showing a single arc in one or more regions based on the obstacle's distance and location relative to the vehicle.

If an obstacle is detected in the center front region, the display will show a single arc in the center front region. As the vehicle moves closer to the obstacle, the display will show the single arc moving closer to the vehicle. A fast sound tone will be produced when reaching the 2nd flashing arc and will change to a continuous sound tone when the 1st flashing arc appears.

If an obstacle is detected in the left and/or right front region, the display will show a single flashing arc in the left and/or right front region and will produce a fast sound tone. As the vehicle moves closer to the obstacle, the display will show the single arc moving closer to the vehicle and the tone will change from fast to continuous.

0329002059

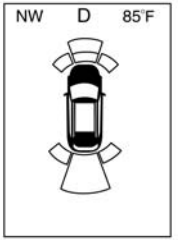
No Tone/Solid Arc

0329002060

No Tone/Flashing Arc

0329002061

Fast Tone/Flashing Arc



0329002062

Continuous Tone/Flashing Arc

The vehicle is close to the obstacle when the warning display shows one flashing arc and sounds a continuous tone. The following chart shows the warning alert operation when the system is detecting an obstacle:

WARNING ALERTS					
Front Distance (in/cm)	Greater than 47 in (120 cm)	47-39 in (120-100 cm)	39-25 in (100-65 cm)	25-12 in (65-30 cm)	Less than 12 in (30 cm)
Arcs — Left	None	None	None	2nd Flashing	1st Flashing
Arcs — Center	None	4th Solid	3rd Flashing	2nd Flashing	1st Flashing
Arcs — Right	None	None	None	2nd Flashing	1st Flashing
Audible Alert Chime	None	None	None	Fast	Continuous
Radio Volume Reduced	No	No	No	Yes	Yes

NOTE:
ParkSense® will reduce the volume of the radio, if on, when the system is sounding an audio tone.

Front Park Assist Audible Alerts

ParkSense® will turn off the Front Park Assist audible alert (chime) after approximately three seconds when an obstacle has been detected, the vehicle is stationary, and brake pedal is applied.

Adjustable Chime Volume Settings

Front and Rear chime volume settings can be selected from the Customer-Programmable Features section of the Uconnect® System, refer to “Uconnect Settings” in “Understanding Your Instrument Panel” for further information.

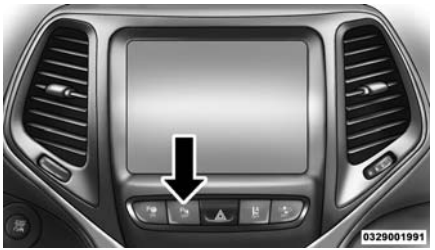
If the Uconnect® System is equipped, chime volume settings will not be accessible from the EVIC/DID.

The chime volume settings include LOW, MEDIUM, and HIGH. The factory default volume setting is MEDIUM.

ParkSense® will retain its last known configuration state through ignition cycles.

Enabling And Disabling ParkSense®

ParkSense® can be enabled and disabled with the ParkSense® switch, located on the switch panel below the Uconnect® display.



ParkSense® Switch

When the ParkSense® switch is pressed to disable the system, the instrument cluster will display the “PARKSENSE OFF” message for approximately five seconds. Refer to “Electronic Vehicle Information Center (EVIC)” in “Understanding Your Instrument Panel” or “Driver Information Display (DID)” for further information. When the shift lever is moved to REVERSE and the system is disabled, the EVIC/DID will display the “PARKSENSE OFF” message for as long as the vehicle is in REVERSE.

The ParkSense® switch LED will be ON when ParkSense® is disabled or requires service. The ParkSense® switch LED will be OFF when the system is enabled. If the ParkSense® switch is pressed, and requires service, the ParkSense® switch LED will blink momentarily, and then the LED will be ON.

Service The ParkSense® Park Assist System

During vehicle start up, when the ParkSense® System has detected a faulted condition, the instrument cluster will actuate a single chime, once per ignition cycle, and it will display the "PARKSENSE UNAVAILABLE WIPE REAR SENSORS", "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS", or the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message for five seconds. When the shift lever/gear selector is moved to Reverse and the system has detected a faulted condition, the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID) will display a "PARKSENSE UNAVAILABLE WIPE REAR SENSORS", "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" or "PARKSENSE UNAVAILABLE SERVICE REQUIRED" pop up message for five seconds. After five seconds, a car graphic will be displayed with "UNAVAILABLE" at either the front or rear sensor location depending on where the fault is detected. The system will continue to provide arc alerts for the side that is functioning properly. These arc alerts will interrupt the "PARKSENSE UNAVAILABLE WIPE REAR SENSORS", "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS", or "PARKSENSE UNAVAILABLE SERVICE REQUIRED" messages if an object is detected within the five second pop-up duration. The car graphic will remain displayed for as long as the vehicle is in REVERSE. Refer to “Electronic Vehicle Information Center (EVIC) or " Driver Information Display (DID)” for further information.

If "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" or "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" appears in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID) make sure the outer surface and the underside of the rear

fascia/bumper and/or front fascia/bumper is clean and clear of snow, ice, mud, dirt or other obstruction and then cycle the ignition. If the message continues to appear see an authorized dealer.

If the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message appears in the EVIC/DID, see an authorized dealer.

Cleaning The ParkSense® System

Clean the ParkSense® sensors with water, car wash soap and a soft cloth. Do not use rough or hard cloths. Do not scratch or poke the sensors. Otherwise, you could damage the sensors.

ParkSense® System Usage Precautions

NOTE:

- **Ensure that the front and rear bumper are free of snow, ice, mud, dirt and debris to keep the ParkSense® system operating properly.**
- **Construction equipment, large trucks, and other vibrations could affect the performance of ParkSense®.**
- **When you turn ParkSense® off, the instrument cluster will display "PARKSENSE OFF." Furthermore, once you turn ParkSense® off, it remains off until you turn it on again, even if you cycle the ignition key.**
- **When you move the shift lever to the REVERSE position and ParkSense® is turned off, the instrument cluster will display "PARKSENSE OFF" for as long as the vehicle is in REVERSE.**
- **ParkSense®, when on, will reduce the volume of the radio when it is sounding a tone.**
- **Clean the ParkSense® sensors regularly, taking care not to scratch or damage them. The sensors must not be covered with ice, snow, slush, mud, dirt or debris. Failure to do so can result in the system not working properly. The ParkSense® system might not detect an obstacle behind or in front of the fascia/bumper, or it could provide a false indication that an obstacle is behind or in front of the fascia/bumper.**
- **Use the ParkSense® switch to turn the ParkSense® system off if objects such as bicycle carriers, trailer hitches, etc. are placed within 12 in (30 cm) from the rear fascia/bumper. Failure to do so can result in the system misinterpreting a close object as a sensor problem, causing the "PARKSENSE UNAVAILABLE SERVICE REQUIRED" message to be displayed in the instrument cluster.**
- **ParkSense® should be disabled when the liftgate is in the open position. An opened liftgate could provide a false indication that an obstacle is behind the vehicle.**
- **There may be a delay in the object detection rate if the object is moving. This will cause the automatic braking application to be delayed.**

CAUTION!

- ParkSense® is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using ParkSense® in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using ParkSense®.

WARNING!

- Drivers must be careful when backing up even when using ParkSense®. Always check carefully behind your vehicle, look behind you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.

(Continued)

WARNING! ***(Continued)***

- Before using ParkSense®, it is strongly recommended that the ball mount and hitch ball assembly is disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia when the loudspeaker sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

PARKSENSE® ACTIVE PARK ASSIST SYSTEM — IF EQUIPPED

The ParkSense® Active Park Assist system is intended to assist the driver during parallel and perpendicular parking maneuvers by identifying a proper parking space, providing audible/visual instructions, and controlling the steering wheel. The ParkSense® Active Park Assist system is defined as "semi-automatic" since the driver maintains control of the accelerator, shift lever and brakes. Depending on the driver's parking maneuver selection, the ParkSense® Active Park Assist system is capable of maneuvering a vehicle into a parallel or a perpendicular parking space on either side (i.e., driver side or passenger side).

NOTE:

- **The driver is always responsible for controlling the vehicle, responsible for any surrounding objects, and must intervene as required.**
- **The system is provided to assist the driver and not to substitute the driver.**
- **During a semi-automatic maneuver, if the driver touches the steering wheel after being instructed to remove their hands from the steering wheel, the system will cancel, and the driver will be required to manually complete the parking maneuver.**
- **The system may not work in all conditions (e.g. environmental conditions such as heavy rain, snow, etc., or if searching for a parking space that has surfaces that will absorb the ultrasonic sensor waves).**
- **New vehicles from the dealership must have at least 30 miles accumulated before the ParkSense® Active Park Assist system is fully calibrated and performs accurately. This is due to the system's dynamic vehicle calibration to improve the performance of the feature. The system will also continuously perform the dynamic vehicle calibration to account for differences such as over or under inflated tires and new tires.**

Enabling And Disabling The ParkSense® Active Park Assist System

The ParkSense® Active Park Assist system can be enabled and disabled with the ParkSense® Active Park Assist switch, located on the switch panel below the Uconnect® display.

ParkSense® Active Park Assist Switch

To enable the ParkSense® Active Park Assist system, press the ParkSense® Active Park Assist switch once (LED turns on).

To disable the ParkSense® Active Park Assist system, press the ParkSense® Active Park Assist switch again (LED turns off).

The ParkSense® Active Park Assist system will turn off automatically for any of the following conditions:

- The parking maneuver is completed.
- Vehicle speed greater than 18 mph (30 km/h) when searching for a parking space.
- Vehicle speed greater than 5 mph (7 km/h) during active steering guidance into the parking space.
- Touching the steering wheel during active steering guidance into the parking space.
- Pressing the ParkSense® Front and Rear Park Assist switch.
- Driver's door is opened.
- Rear liftgate is opened.
- Electronic Stability Control/Anti-lock Braking System intervention.
- The ParkSense® Active Park Assist system will allow a maximum of six shifts between DRIVE (automatic transmission) or forward gear (manual transmission) and REVERSE. If the maneuver cannot be completed within six shifts, the system will cancel and the EVIC/DID will instruct the driver to complete the maneuver manually.

The ParkSense® Active Park Assist system will only operate and search for a parking space when the following conditions are present:

- Gear position is in DRIVE (automatic transmission) or in a forward gear (manual transmission).
- Ignition is in the RUN position.
- ParkSense® Active Park Assist switch is activated.
- Driver's door is closed.
- Rear liftgate is closed.
- Vehicle speed is less than 15 mph (25 km/h).

NOTE:
If the vehicle is driven above approximately 15 mph (25 km/h), the EVIC/DID will instruct the driver to slow down. If the vehicle is driven above approximately 18 mph (30 km/h), the system will cancel. The driver must then reactivate the system by pressing the ParkSense® Active Park Assist switch.

- The outer surface and the underside of the front and rear fascias/bumpers are clean and clear of snow, ice, mud, dirt or other obstruction.

When pressed, the LED on the ParkSense® Active Park Assist switch will blink momentarily, and then the LED will turn OFF if any of the above conditions are not present.

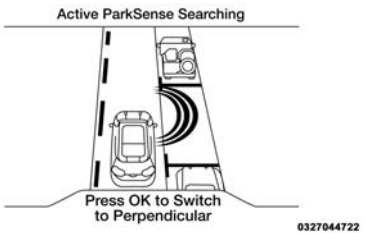
Parallel Parking Space Assistance Operation/Display

When the ParkSense® Active Park Assist system is enabled the "Active ParkSense Searching - Press OK to Switch to Perpendicular" message will appear in the EVIC/DID display. You may switch to perpendicular parking if you

desire. Push the OK button on the left side steering wheel switch to change your parking space setting.

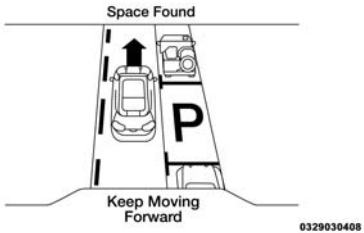
NOTE:

- **When searching for a parking space, use the turn signal indicator to select which side of the vehicle you want to perform the parking maneuver. The ParkSense® Active Park Assist system will automatically search for a parking space on the passenger's side of the vehicle if the turn signal is not activated.**
- **The driver needs to make sure that the selected parking space for the maneuver remains free and clear of any obstructions (e.g. pedestrians, bicycles, etc.).**
- **The driver is responsible to ensure that the selected parking space is suitable for the maneuver and free/clear of anything that may be overhanging or protruding into the parking space (e.g., ladders, tailgates, etc. from surrounding objects/vehicles).**
- **When seeking for a parking space, the driver should drive as parallel or perpendicular (depending on the type of maneuver) to other vehicles as possible.**
- **The feature will only indicate the last detected parking space (example: if passing multiple available parking spaces, the system will only indicate the last detected parking space for the maneuver).**



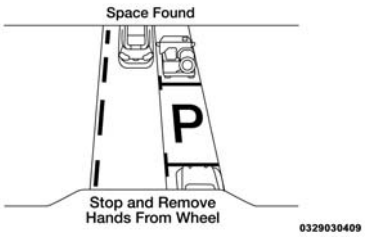
Active ParkSense Searching

When an available parking space has been found, and the vehicle is not in position, you will be instructed to move forward to position the vehicle for a parallel parking sequence.



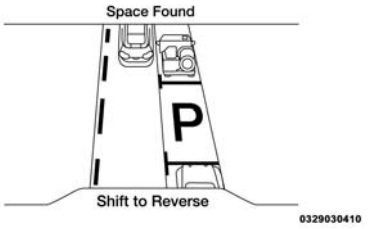
Space Found — Keep Moving Forward

Once the vehicle is in position, you will be instructed to stop the vehicle's movement and remove your hands from the steering wheel.



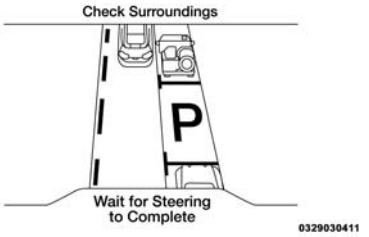
Space Found — Stop And Remove Hands From Wheel

Once the vehicle is at a standstill with your hands removed from the steering wheel, you will be instructed to place the shift lever into the REVERSE position.



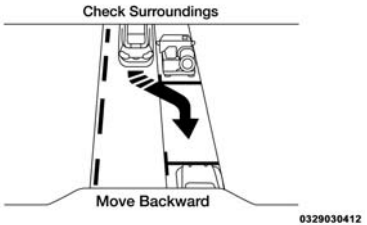
Space Found — Shift To Reverse

When the driver places the shift lever into the REVERSE position, the system may instruct the driver to wait for steering to complete.



Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.

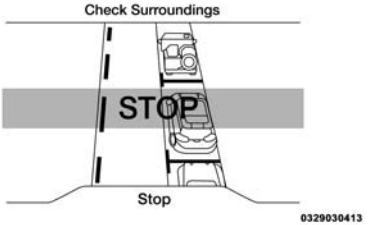


Check Surroundings — Move Backward

NOTE:

- **It is the drivers responsibility to use the brake and accelerator during the semi-automatic parking maneuver.**
- **When the system instructs the driver to remove their hands from the steering wheel, the driver should check their surroundings and begin to back up slowly.**
- **The ParkSense® Active Park Assist system will allow a maximum of six shifts between DRIVE (automatic transmission) or forward gear (manual transmission) and REVERSE. If the maneuver cannot be completed within six shifts, the system will cancel and the EVIC/DID will instruct the driver to complete the maneuver manually.**
- **The system will cancel the maneuver if the vehicle speed exceeds 5 mph (7 km/h) during active steering guidance into the parking space. The system will provide a warning to the driver at 3 mph (5 km/h) that tells them to slow down. The driver is then responsible for completing the maneuver if the system is canceled.**
- **If the system is canceled during the maneuver for any reason, the driver must take control of the vehicle.**

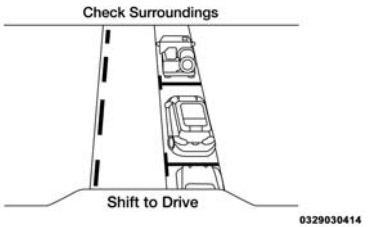
When the vehicle has reached the end of its backward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.



Check Surroundings — STOP

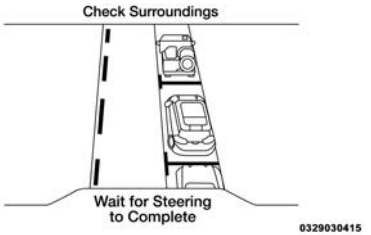
NOTE:
It is the drivers responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the shift lever into the DRIVE position.



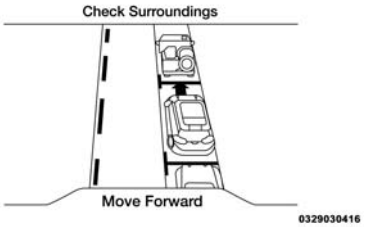
Check Surroundings — Shift To Drive

When the driver places the shift lever into the DRIVE position, the system may instruct the driver to wait for steering to complete.



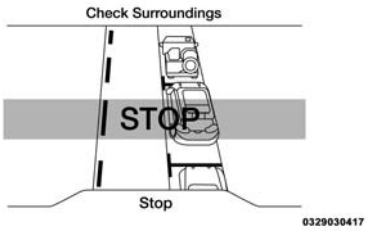
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move forward.



Check Surroundings — Move Forward

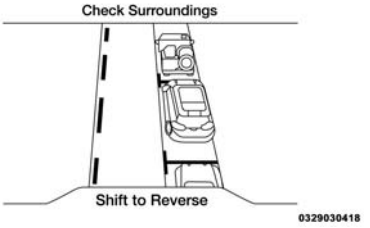
When the vehicle has reached the end of its forward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.



Check Surroundings — STOP

NOTE:
It is the drivers responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the shift lever into the REVERSE position.

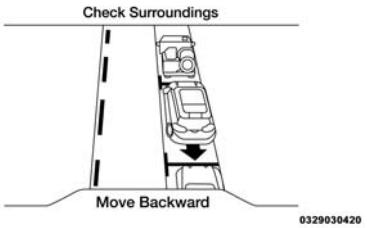


Check Surroundings — Shift To Reverse

When the driver places the shift lever into the REVERSE position, the system may instruct the driver to wait for steering to complete.

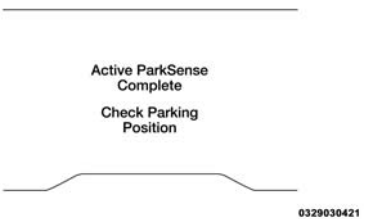
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.



Check Surroundings — Move Backward

Your vehicle is now in the parallel park position. When the maneuver is complete, the driver will be instructed to check the vehicle's parking position. If the driver is satisfied with the vehicle position, they should shift to PARK. The "Active ParkSense Complete - Check Parking Position" message will be momentarily displayed.

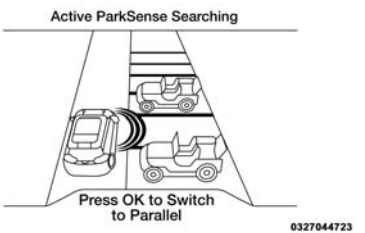


Active ParkSense Complete — Check Parking Position

Perpendicular Parking Space Assistance Operation/Display

When the ParkSense® Active Park Assist system is enabled, the "Active ParkSense Searching - Press OK to Switch to Perpendicular" message will show in the EVIC/DID display. Push the OK button on the left side steering wheel switch to change your parking space setting to a perpendicular maneuver. You may switch back to parallel parking if you desire.

Once the driver presses OK for a perpendicular parking maneuver, the "Active ParkSense Searching - Press OK to Switch to Parallel" message will appear in the EVIC/DID display.

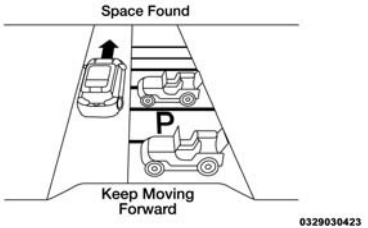


Active ParkSense Searching Display

NOTE:

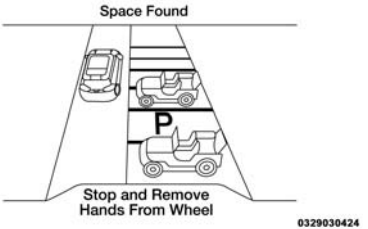
- **When searching for a parking space, use the turn signal indicator to select which side of the vehicle you want to perform the parking maneuver. The ParkSense® Active Park Assist system will automatically search for a parking space on the passenger's side of the vehicle if the turn signal is not activated.**
- **The driver needs to make sure that the selected parking space for the maneuver remains free and clear of any obstructions (e.g. pedestrians, bicycles, etc.).**
- **The driver is responsible to ensure that the selected parking space is suitable for the maneuver and free/clear of anything that may be overhanging or protruding into the parking space (e.g., ladders, tailgates, etc. from surrounding objects/vehicles).**
- **When seeking for a parking space, the driver should drive as parallel or perpendicular (depending on the type of maneuver) to other vehicles as possible.**
- **The feature will only indicate the last detected parking space (example: if passing multiple available parking spaces, the system will only indicate the last detected parking space for the maneuver).**

When an available parking space has been found, and the vehicle is not in position, you will be instructed to move forward to position the vehicle for a perpendicular parking sequence.



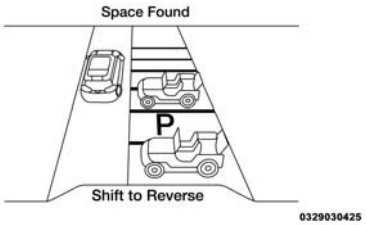
Space Found — Keep Moving Forward

Once the vehicle is in position, you will be instructed to stop the vehicle's movement and remove your hands from the steering wheel.



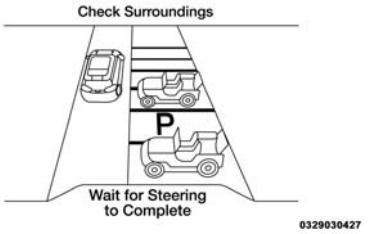
Space Found — Stop And Remove Hands From Wheel

Once the vehicle is at a standstill with your hands removed from the steering wheel, you will be instructed to place the shift lever into the REVERSE position.



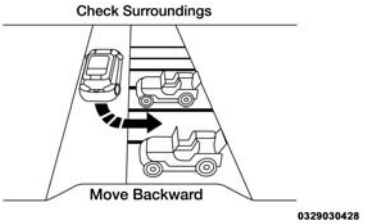
Space Found — Shift To Reverse

When the driver places the shift lever into the REVERSE position, the system may instruct the driver to wait for steering to complete.



Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.



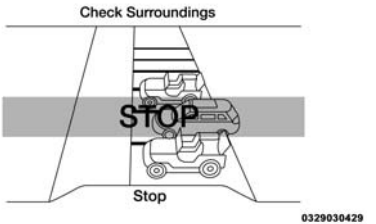
Check Surroundings — Move Backward

NOTE:

- **It is the drivers responsibility to use the brake and accelerator during the semi-automatic parking maneuver.**
- **When the system instructs the driver to remove their hands from the steering wheel, the driver should check their surroundings and begin to back up slowly.**

- **The ParkSense® Active Park Assist system will allow a maximum of six shifts between DRIVE (automatic transmission) or forward gear (manual transmission) and REVERSE. If the maneuver cannot be completed within six shifts, the system will cancel and the EVIC/DID will instruct the driver to complete the maneuver manually.**
- **The system will cancel the maneuver if the vehicle speed exceeds 5 mph (7 km/h) during active steering guidance into the parking space. The system will provide a warning to the driver at 3 mph (5 km/h) that tells them to slow down. The driver is then responsible for completing the maneuver if the system is canceled.**
- **If the system is canceled during the maneuver for any reason, the driver must take control of the vehicle.**

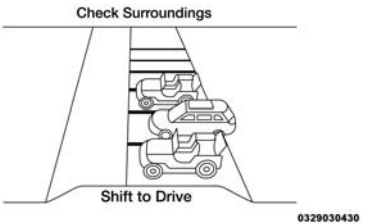
When the vehicle has reached the end of its backward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.



Check Surroundings — STOP

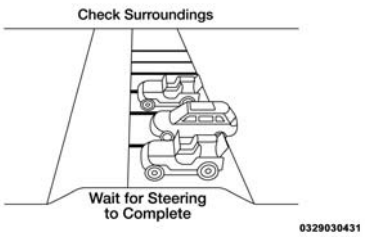
NOTE:
It is the drivers responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the shift lever into the DRIVE position.



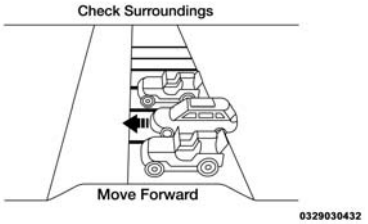
Check Surroundings — Shift To Drive

When the driver places the shift lever into the DRIVE position, the system may instruct the driver to wait for steering to complete.



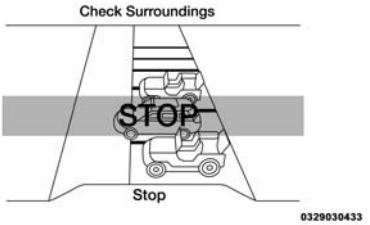
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move forward.



Check Surroundings — Move Forward

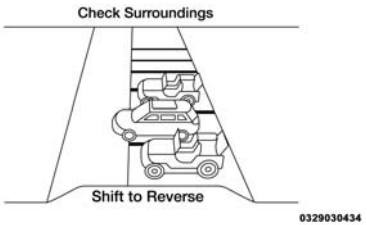
When the vehicle has reached the end of its forward movement, the system will instruct the driver to check their surroundings and stop the vehicle's movement.



Check Surroundings — STOP

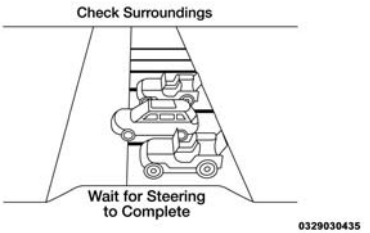
NOTE:
It is the drivers responsibility to use the brake and stop the vehicle. The driver should check their surroundings and be prepared to stop the vehicle either when instructed to, or when driver intervention is required.

Once the vehicle is in a standstill condition, the driver will be instructed to place the shift lever into the REVERSE position.



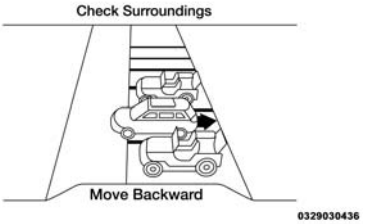
Check Surroundings — Shift To Reverse

When the driver places the shift lever into the REVERSE position, the system may instruct the driver to wait for steering to complete.



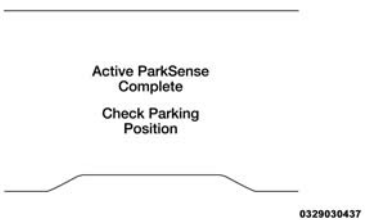
Check Surroundings — Wait For Steering To Complete

The system will then instruct the driver to check their surroundings and move backward.



Check Surroundings — Move Backward

Your vehicle is now in the perpendicular park position. When the maneuver is complete, the driver will be instructed to check the vehicle's parking position. If the driver is satisfied with the vehicle position, they should shift to PARK. The "Active ParkSense Complete - Check Parking Position" message will be momentarily displayed.



Active ParkSense Complete — Check Parking Position

CAUTION!

- The ParkSense® Active Park Assist system is only a parking aid and it is unable to recognize every obstacle, including small obstacles. Parking curbs might be temporarily detected or not detected at all. Obstacles located above or below the sensors will not be detected when they are in close proximity.
- The vehicle must be driven slowly when using the ParkSense® Active Park Assist system in order to be able to stop in time when an obstacle is detected. It is recommended that the driver looks over his/her shoulder when using the ParkSense® Active Park Assist system.

WARNING!

- Drivers must be careful when performing parallel or perpendicular parking maneuvers even when using the ParkSense® Active Park Assist system. Always check carefully behind and in front of your vehicle, look behind and in front of you, and be sure to check for pedestrians, animals, other vehicles, obstructions, and blind spots before backing up and moving forward. You are responsible for safety and must continue to pay attention to your surroundings. Failure to do so can result in serious injury or death.

(Continued)

WARNING! ***(Continued)***

- Before using the ParkSense® Active Park Assist system, it is strongly recommended that the ball mount and hitch ball assembly is disconnected from the vehicle when the vehicle is not used for towing. Failure to do so can result in injury or damage to vehicles or obstacles because the hitch ball will be much closer to the obstacle than the rear fascia when the loudspeaker sounds the continuous tone. Also, the sensors could detect the ball mount and hitch ball assembly, depending on its size and shape, giving a false indication that an obstacle is behind the vehicle.

PARKVIEW® REAR BACK UP CAMERA — IF EQUIPPED

Your vehicle may be equipped with the ParkView® Rear Back Up Camera that allows you to see an on-screen image of the rear surroundings of your vehicle whenever the shift lever is put into REVERSE. The image will be displayed in the touchscreen display along with a caution note to “check entire surroundings” across the top of the screen. After five seconds this note will disappear. The ParkView® camera is located on the rear of the vehicle above the rear License plate.

NOTE:

The ParkView® Rear Back Up Camera has programmable modes of operation that may be selected through the Uconnect® System. Refer to “Uconnect® Settings” in “Understanding Your Instrument Panel” for further information.

When the vehicle is shifted out of REVERSE (with camera delay turned OFF), the rear camera mode is exited and the navigation or audio screen appears again. When the vehicle is shifted out of REVERSE (with camera delay turned ON), the camera image will continue to be displayed for up to 10 seconds after shifting out of REVERSE unless the vehicle speed exceeds 8 mph (13 km/h), the vehicle is shifted into PARK or the vehicles ignition is cycled to the OFF position.

When enabled, active guide lines are overlaid on the image to illustrate the width of the vehicle and its projected backup path based on the steering wheel position. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.

When enabled, fixed guide lines are overlaid on the image to illustrate the width of the vehicle.

Different colored zones indicate the distance to the rear of the vehicle.

The following table shows the approximate distances for each zone:

Zone	Distance to the rear of the vehicle
Red	0 - 1 ft (0 - 30 cm)
Yellow	1 ft - 6.5 ft (30 cm - 2 m)
Green	6.5 ft or greater (2 m or greater)

WARNING!

Drivers must be careful when backing up even when using the ParkView® Rear Back Up Camera. Always check carefully behind your vehicle, and be sure to check for pedestrians, animals, other vehicles, obstructions, or blind spots before backing up. You are responsible for the safety of your surroundings and must continue to pay attention while backing up. Failure to do so can result in serious injury or death.

CAUTION!

- To avoid vehicle damage, ParkView® should only be used as a parking aid. The ParkView® camera is unable to view every obstacle or object in your drive path.
- To avoid vehicle damage, the vehicle must be driven slowly when using ParkView® to be able to stop in time when an obstacle is seen. It is recommended that the driver look frequently over his/her shoulder when using ParkView®.

NOTE:

If snow, ice, mud, or any foreign substance builds up on the camera lens, clean the lens, rinse with water, and dry with a soft cloth. Do not cover the lens.

POWER SUNROOF WITH POWER SHADE — IF EQUIPPED

The power sunroof switches are located to the left between the sun visors on the overhead console.

Power Sunroof Switches

The power shade switches are located to the right between the sun visors on the overhead console.

Power Shade Switches

WARNING!

- Never leave children unattended in a vehicle, or with access to an unlocked vehicle. Never leave the Key Fob in or near the vehicle, or in a location accessible to children. Do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go™ in the ACC or ON/RUN mode. Occupants, particularly unattended children, can become entrapped by the power sunroof while operating the power sunroof switch. Such entrapment may result in serious injury or death.
- In a collision, there is a greater risk of being thrown from a vehicle with an open sunroof. You could also be seriously injured or killed. Always fasten your seat belt properly and make sure all passengers are also properly secured.

(Continued)

WARNING! ***(Continued)***

- Do not allow small children to operate the sunroof. Never allow your fingers, other body parts, or any object, to project through the sunroof opening. Injury may result.

Opening Sunroof — Express

A comfort stop position and full open position are the programmed automatic stops for the sunroof open positions. The comfort stop position has been optimized to minimize wind buffeting.

Press the switch rearward and release it within one-half second. The sunroof will open automatically to the comfort stop position (if the sunshade is in the closed position when the operation is initiated the sunshade will automatically open to the half open position prior to the sunroof opening). Press the switch rearward and release it again, the sunroof will open to the full open position and automatically stop. This is called “Express Open”. During Express Open operation, any movement of the sunroof switch will stop the sunroof.

Opening Sunroof — Manual Mode

A comfort stop position is a programmed automatic stop for the sunroof open position. The comfort stop position has been optimized to minimize wind buffeting.

To open the sunroof, press and hold the switch rearward. The sunroof will stop automatically at the comfort stop position (if the sunshade is in the closed position when the operation is initiated the sunshade will automatically open to the half open position prior to the sunroof opening). Press and hold the switch rearward again, the sunroof will open to the full open position and automatically stop. Any release of the switch will stop the movement. The sunroof and sunshade will remain in a partially opened condition until the switch is pushed and held rearward again.

Closing Sunroof — Express

Press the switch forward and release it within one-half second and the sunroof will close automatically from any position. The sunroof will close fully and stop automatically. This is called “Express Close”. During Express Close operation, any movement of the switch will stop the sunroof.

Closing Sunroof — Manual Mode

To close the sunroof, press and hold the switch in the forward position. Any release of the switch will stop the movement and the sunroof will remain in a partially closed condition until the switch is pushed and held forward again.

Venting Sunroof — Express

Press and release the "Vent" button within one-half second and the sunroof will open to the vent position. This is called “Express Vent”, and it will occur regardless of sunroof position. During Express Vent operation, any movement of the switch will stop the sunroof.

NOTE:

If the sunshade is in the closed position when the vent switch is pressed, the sunshade will automatically cycle to the halfway open position prior to the sunroof opening to the Vent position.

Opening Power Shade — Express

Press the shade switch rearward and release it within one-half second and the shade will automatically open to the halfway position and stop automatically. Press the switch a second time

from the halfway position and the shade will automatically open to the full open position and stop automatically. This is called “Express Open”. During Express Open operation, any movement of the shade switch will stop the shade.

Opening Power Shade — Manual Mode

To open the shade, press and hold the switch rearward. The shade will open and stop automatically at the half-open position. Press and hold the shade switch rearward again and the shade will open automatically to the full-open position. Any release of the switch will stop the movement and the shade will remain in a partially opened condition until the switch is pushed and held rearward again.

Closing Power Shade — Express

Press the switch forward and release it within one-half second and the shade will close automatically from any position. If the sunroof is completely closed the shade will close fully and stop automatically. This is called “Express Close”. During Express Close operation, any movement of the switch will stop the shade.

NOTE:

If the sunroof is open, the shade will close to the half-open position. Pressing the shade close button again will automatically close both the sunroof and shade completely.

Closing Power Shade — Manual Mode

To close the shade, press and hold the switch in the forward position. Any release of the switch will stop the movement and the shade will remain in a partially closed condition until the switch is pushed and held forward again.

Pinch Protect Feature

This feature will detect an obstruction in the opening of the sunroof during Express Close operation. If an obstruction in the path of the sunroof is detected, the sunroof will automatically retract. Remove the obstruction if this occurs. Next, press the switch forward and release to Express Close.

NOTE:

If three consecutive sunroof close attempts result in Pinch Protect reversals, the fourth close attempt will be a Manual Close movement with Pinch Protect disabled.

Wind Buffeting

Wind buffeting can be described as the perception of pressure on the ears or a helicopter-type sound in the ears. Your vehicle may exhibit wind buffeting with the windows down, or the sunroof (if equipped) in certain open or partially open positions. This is a normal occurrence and can be minimized. If the buffeting occurs with the rear windows open, then open the front and rear windows together to minimize the buffeting. If the buffeting occurs with the sunroof open, adjust the sunroof opening to minimize the buffeting or open any window.

Sunroof Maintenance

Use only a non-abrasive cleaner and a soft cloth to clean the glass panel.

Ignition OFF Operation

The power sunroof switch will remain active for up to approximately ten minutes after the ignition switch is turned to the LOCK position. Opening either front door will cancel this feature.

NOTE:

Ignition Off time is programmable through the Uconnect® System. Refer to "Uconnect® Settings/Customer Programmable Features" in "Understanding Your Instrument Panel" for further information.

ELECTRICAL POWER OUTLETS

Your vehicle is equipped with 12 Volt (13 Amp) power outlets that can be used to power cellular phones, small electronics and other low powered electrical accessories. The power outlets are labeled with either a "key" or a "battery" symbol to indicate how the outlet is powered. Power outlets labeled with a "key" are powered when the ignition switch is in the ON or ACC position, while the outlets labeled with a "battery" are connected directly to the battery and powered at all times.

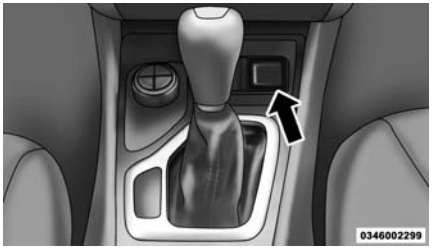
NOTE:

- **All accessories connected to the "battery" powered outlets should be removed or turned off when the vehicle is not in use to protect the battery against discharge.**
- **To ensure proper cigar lighter operation, a MOPAR® knob and element must be used.**

CAUTION!

Power outlets are designed for accessory plugs only. Do not insert any other object in the power outlets as this will damage the outlet and blow the fuse. Improper use of the power outlet can cause damage not covered by your New Vehicle Limited Warranty.

The front power outlet is located inside the storage area on the center stack of the instrument panel.

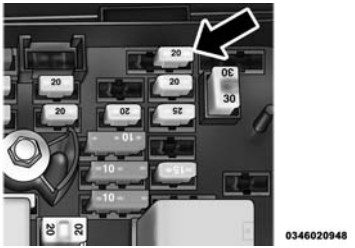


Front Power Outlet

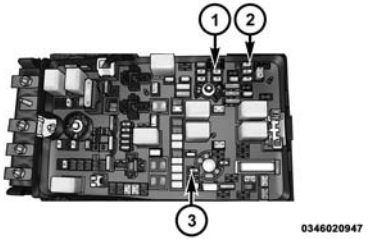
In addition to the front power outlet, there is also a power outlet located in the storage area of the center console.

The rear power outlet is located in the left rear cargo area.

Rear Cargo Power Outlet



Rear Cargo Power Outlet Fuse



Power Outlet Fuse Locations

1 — F75 Fuse 20 A Yellow Front Power Outlet/ Cigar Lighter Console Bin
2 — F92 Fuse 20 A Yellow Power Outlet Rear Cargo
3 — F60 Fuse 20 A Yellow Power Outlet Center Console

NOTE:
The rear cargo power outlet can be switched to "battery" powered all the time by switching the power outlet rear cargo fuse in the fuse panel.

WARNING!

To avoid serious injury or death:

- Only devices designed for use in this type of outlet should be inserted into any 12 Volt outlet.
- Do not touch with wet hands.
- Close the lid when not in use and while driving the vehicle.
- If this outlet is mishandled, it may cause an electric shock and failure.

CAUTION!

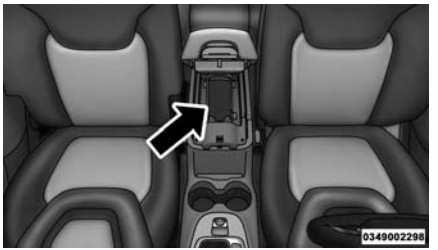
- Many accessories that can be plugged in draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

(Continued)

CAUTION! ***(Continued)***

- Accessories that draw higher power (i.e., coolers, vacuum cleaners, lights, etc.) will degrade the battery even more quickly. Only use these intermittently and with greater caution.
- After the use of high power draw accessories, or long periods of the vehicle not being started (with accessories still plugged in), the vehicle must be driven a sufficient length of time to allow the generator to recharge the vehicle's battery.

WIRELESS CHARGING PAD — IF EQUIPPED



Wireless Charging Pad

Your vehicle may be equipped with a wireless charging pad located inside the upper portion of the center console. This charging pad is designed to wirelessly charge your Qi enabled mobile phone. Qi is a standard that uses magnetic induction to transfer power to your mobile device.

Your mobile phone must be designed for Qi wireless charging, be equipped with an aftermarket sleeve or equipped with a back plate from your mobile phone provider.

The wireless charging pad is equipped with an anti-slip mat, an adjustable cradle to hold your mobile phone in place and an LED indicator light.

NOTE:
Visit DriveUconnect.com for additional information and for supported mobile phones.

Wireless Charging Pad Operation

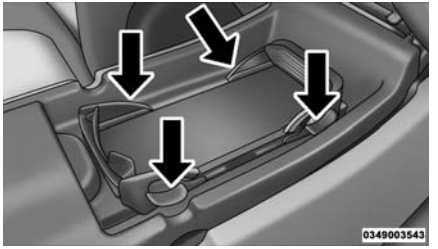
To use the wireless charging pad, the coil in your mobile phone needs to align with the coil in the charging pad, which is located directly under the Qi logo. Since each mobile phone's coil location is different, you may need a few attempts to locate the correct spot for your mobile phone:

1. Place your mobile phone on the wireless charging pad, towards the Qi logo, so that the LED turns red. If the LED does not turn red, pick up the mobile phone and change the location.
2. Once the LED transitions from red to flashing green, your mobile phone is correctly placed and charging.

Mobile Phone Alignment

NOTE:
The mobile phone must be aligned around the Qi logo for the LED to transition from red to flashing green.

3. If the LED does not transition from red to flashing green, and just turns off, pick up your mobile phone and reposition it on the charging pad.
4. Adjust the wireless charging pad mobile phone cradle to hold the mobile phone in position. The cradle moves by pushing down on the finger tabs and adjusting the cradle in or out.



Adjustable Mobile Phone Charging Pad Cradle

NOTE:
The initial adjustment will only need to be done once as long as only one mobile phone is used. If a different mobile phone is used, the cradle will need to be readjusted.

The LED indicator will flash green while the mobile phone is charging. The Qi enabled phone is able to function normally as it is charging.

CAUTION!

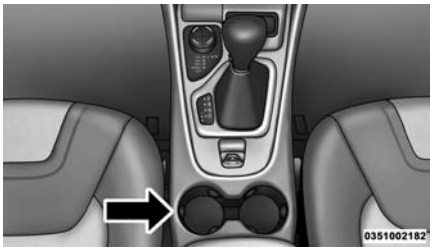
Do not place your vehicle Key Fob on the wireless charging pad, the Keyless Enter-N-Go™ feature may not work properly while a mobile phone is being charged.

WARNING!

Do not place metal object(s) between the mobile phone and wireless charging pad. Metal object(s) such as coins, rings or keys will become very **HOT**. If metal object(s) become lodged between the mobile phone and wireless charging pad, carefully remove the mobile phone and allow the metal object(s) to cool before removing. Failure to wait until the object(s) cool could result in personal injury, including burns.

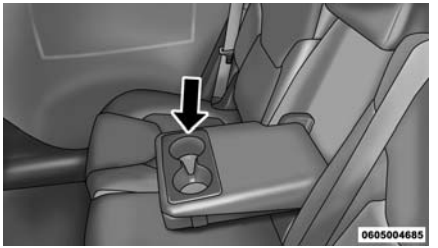
CUPHOLDERS

There are two cupholders for the front seat passengers, located in the center console.



Front Cupholders

There are two cupholders for the rear seat passengers, located in the center armrest.



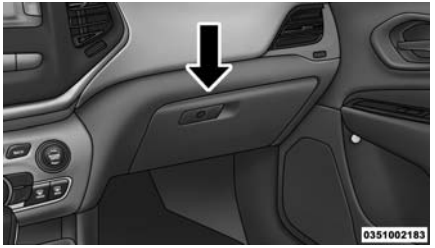
Rear Cupholders

STORAGE

Glove Compartment

The glove compartment is located on the passengers side of the instrument panel. Pull outward on the latch to open the glove compartment.

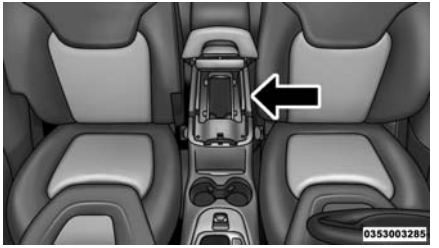
There is also an additional storage bin located above the instrument panel in the center of the dash.



Glove Compartment

Console Storage Compartment

Some vehicles may be equipped with a wireless charging pad located in the upper portion of the center console. Refer to Wireless Charging Pad-If Equipped in this section for more information.

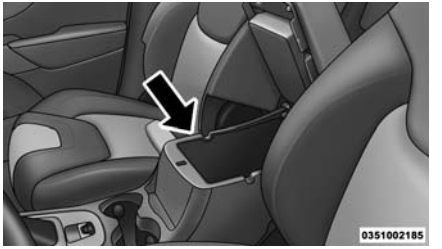


Upper Console Charging Pad

To open, pull up on the latch and lift the cover.

Center Console

The center console has a storage area which can hold cell phones, PDAs, and other small items.



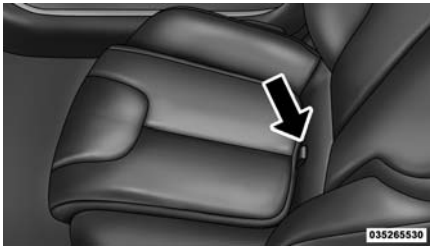
Center Console Storage

WARNING!

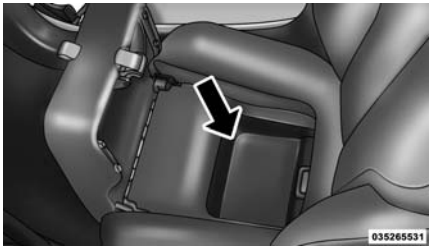
Do not operate this vehicle with a console compartment lid in the open position. Driving with the console compartment lid open may result in injury in a collision.

Flip 'n Stow™ Front Passenger Seat Storage — If Equipped

Some models may be equipped with storage under the front passenger seat cushion. Pull upward on the seat cushion loop to open the storage compartment.



Passenger Seat Cushion Loop



Passenger Seat Cushion Storage Compartment

NOTE:

Make sure that objects inside the bin do not interfere with the latch before closing the seat. Push the seat cushion downward after closing it to make sure it latches to the base.

WARNING!

Be certain that the seat cushion is locked securely into position before using the seat. Otherwise, the seat will not provide the proper stability for passengers. An improperly latched seat cushion could cause serious injury.

CARGO AREA FEATURES

Cargo Load Floor

The cargo load floor system has a load capacity of 400 lbs (181 kg).

To provide additional storage area, each rear seat can be folded flat. This allows for extended cargo space and still maintains some rear seating room. Refer to "Seats" in this section for further information.

Cargo Extension Panels

Cargo extension panels can be folded and unfolded. When the rear seats are moved to the more forward positions and the rear seat backs are folded down, the extension panels can be unfolded manually by hand (2 of them). The extension panels can be used to extend the load floor to the rear seats and/or hide the gap between the load floor and rear seats, or to assist in loading large items into the cargo area.

Cargo Tie-Down Hooks And Loops

The tie-downs located on the cargo area floor should be used to secure loads safely when the vehicle is moving.

Cargo tie-down loops are located on the trim panels.

WARNING!

- Cargo tie-downs are not safe anchors for a child seat tether strap. In a sudden stop or accident, a tie-down could pull loose and allow the child seat to come loose. A child could be badly injured. Use only the anchors provided for child seat tethers.
- To help protect against personal injury, passengers should not be seated in the rear cargo area. The rear cargo space is intended for load carrying purposes only, not for passengers, who should sit in seats and use seat belts.

WARNING!

The weight and position of cargo and passengers can change the vehicle center of gravity and vehicle handling. To avoid loss of

(Continued)

WARNING! ***(Continued)***

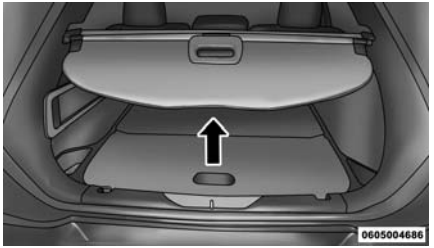
control resulting in personal injury, follow these guidelines for loading your vehicle:

- Do not carry loads that exceed the load limits described on the label attached to the left door or left door center pillar.
- Always place cargo evenly on the cargo floor. Put heavier objects as low and as far forward as possible.
- Place as much cargo as possible in front of the rear axle. Too much weight or improperly placed weight over or behind the rear axle can cause the vehicle to sway.
- Do not pile luggage or cargo higher than the top of the seatback. This could impair visibility or become a dangerous projectile in a sudden stop or accident.

Retractable Cargo Area Cover — If Equipped

NOTE:

The purpose of this cover is for privacy, not to secure loads. It will not prevent cargo from shifting or protect passengers from loose cargo.



Retractable Cargo Area Cover

The removable retractable cargo area cover mounts in the cargo area behind the top of the rear seats.

The cover, when extended, covers the cargo area to keep items out of sight. Notches in the trim panels near the liftgate opening secure the extended cover in place.

The cover rolls away neatly inside its housing when not in use. You can also remove the cover from the vehicle to make more room in the cargo area.

To install the cover, position it in the vehicle so that the flat side of the housing faces upward. Then, insert the right spring-loaded post (located on the end of the cover housing) into the right attachment points.

Then, insert on the opposite end of the cover housing into the attachment point on the opposite side of the vehicle.

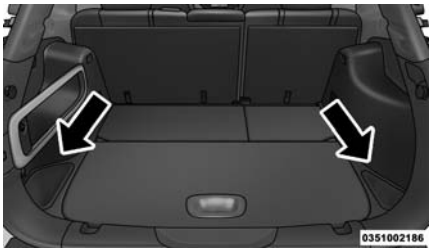
Next, grab the cover handle and pull the cover toward you. As the cover nears the liftgate opening, guide the rear attachment posts (on both ends of the cover) into the notches in the trim panels. Then, lower the cover to position the posts into the bottom of the notches and release the handle.

WARNING!

In a collision, a cargo cover loose in the vehicle could cause injury. It could fly around in a sudden stop and strike someone in the vehicle. Do not store the cargo cover on the cargo floor or in the passenger compartment. Remove the cover from the vehicle when taken from its mounting. Do not store in the vehicle.

Rear Storage Bins

The rear storage bins are located in the rear of the vehicle on the sides of the load floor.



Rear Storage Bins

REAR WINDOW FEATURES

Rear Window Wiper/Washer

The rear wiper/washer controls are located on the windshield wiper/washer lever on the right side of the steering column. The rear wiper/washer is operated by rotating a switch, located at the middle of the lever.

Rear Wiper/Washer Control

Rotate the center portion of the lever upward to the first detent for intermittent operation and to the second detent for continuous rear wiper operation.

To use the washer, push the lever forward and hold while spray is desired. If the lever is pushed while in the intermittent setting, the wiper will turn on and operate for several wipe cycles after the end of the lever is released, and then resume the intermittent interval previously selected.

If the lever is pushed while the wiper is in the off position, the wiper will operate for several wipe cycles, then turn off.

NOTE:

As a protective measure, the pump will stop if the switch is held for more than 20 seconds. Once the lever is released the pump will resume normal operation.

If the rear wiper is operating when the ignition is turned OFF, the wiper will automatically return to the “park” position.

Rear Window Defroster

The rear window defroster button is located on the switch bank by the manual climate controls. Press this button to turn on the rear window defroster and the heated outside mirrors. An indicator in the button will illuminate when the rear window defroster is on. The rear window defroster automatically turns off after approximately 10 minutes. For an additional five minutes of operation, press the button a second time.

NOTE:

- **The Windshield Wiper De-Icer (if equipped) shall be activated automatically when the Rear Defrost is turned on and when the ambient temperature is below 40 degrees F (4.4° C).**
- **To prevent excessive battery drain, use the rear window defroster only when the engine is operating.**

CAUTION!

Failure to follow these cautions can cause damage to the heating elements:

- Use care when washing the inside of the rear window. Do not use abrasive window cleaners on the interior surface of the window. Use a soft cloth and a mild washing solution, wiping parallel to the heating elements. Labels can be peeled off after soaking with warm water.
- Do not use scrapers, sharp instruments, or abrasive window cleaners on the interior surface of the window.
- Keep all objects a safe distance from the window.

ROOF LUGGAGE RACK — IF EQUIPPED

The load carried on the roof, when equipped with a luggage rack, must not exceed 150 lbs (68 kg), and it should be uniformly distributed over the cargo area.

Crossbars should always be used whenever cargo is placed on the roof rack. Check the straps frequently to be sure that the load remains securely attached.

NOTE:

Crossbars can be purchased at a Chrysler dealer through Mopar® parts.

External racks do not increase the total load carrying capacity of the vehicle. Be sure that the total occupant and luggage load inside the vehicle, plus the load on the luggage rack, do not exceed the maximum vehicle load capacity.

CAUTION!

- To avoid damage to the roof rack and vehicle, do not exceed the maximum roof rack load capacity. Always distribute heavy loads as evenly as possible and secure the load appropriately.
- Long loads, which extend over the windshield, such as wood panels or surfboards, should be secured to both the front and rear of the vehicle.

(Continued)

CAUTION! ***(Continued)***

- Place a blanket or other protection between the surface of the roof and the load.
- Travel at reduced speeds and turn corners carefully when carrying large or heavy loads on the roof rack. Wind forces, due to natural causes or nearby truck traffic, can add sudden upward loads. This is especially true on large flat loads and may result in damage to the cargo or your vehicle.

WARNING!

Cargo must be securely tied down before driving your vehicle. Improperly secured loads can fly off the vehicle, particularly at high speeds, resulting in personal injury or property damage. Follow the roof rack cautions when carrying cargo on your roof rack.

4

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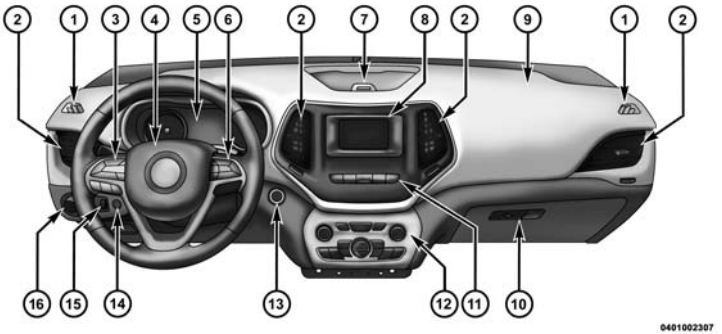
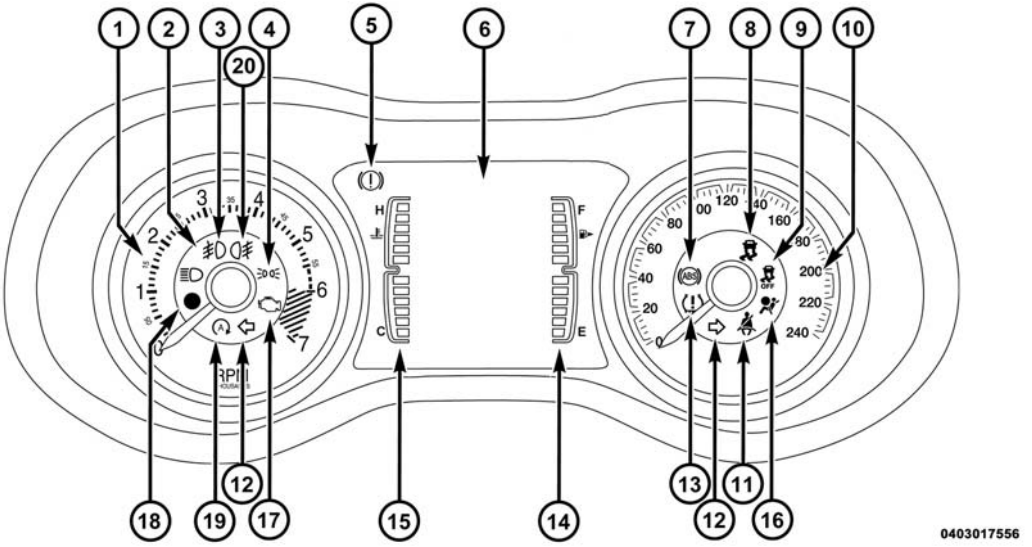
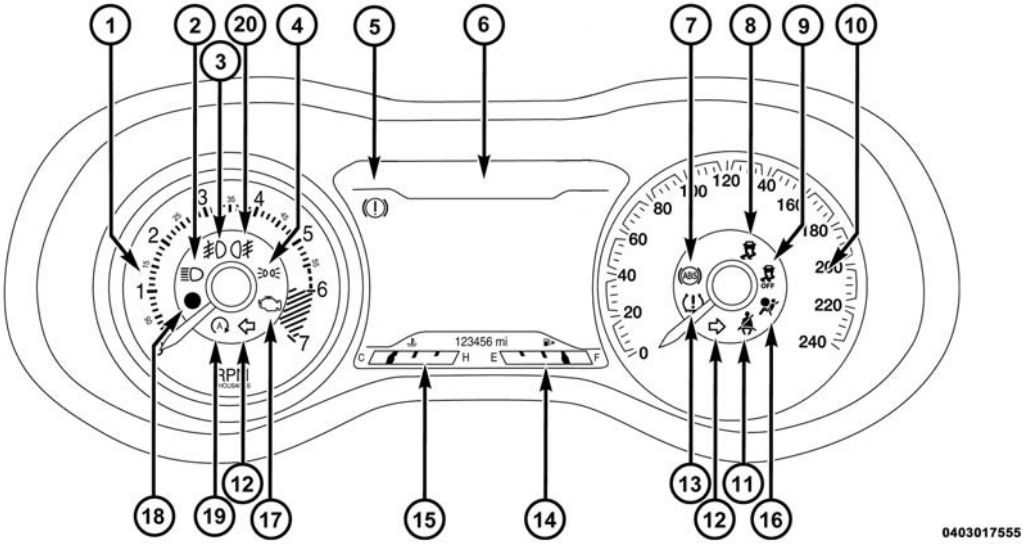


1 — Air Demister Outlet
2 — Air Outlet
3 — Electronic Vehicle Information Center (EVIC)/ Driver Information Display (DID) Controls
4 — Horn/Driver Air Bag
5 — Instrument Cluster
6 — Electronic Speed Control
7 — Storage Compartment
8 — Radio
9 — Passenger Air Bag
10 — Glove Compartment
11 — Lower Switch Bank
12 — Uconnect® Hard Controls/ Climate Controls/Electric Stop Start — If Equipped
13 — Start/Stop Ignition Button
14 — Liftgate Release Button
15 — Dimmer Switches
16 — Headlight Switch

INSTRUMENT CLUSTER — BASE



INSTRUMENT CLUSTER — PREMIUM



INSTRUMENT CLUSTER DESCRIPTIONS

1. Tachometer

Indicates the engine speed in revolutions per minute (RPM x 1000).

2. High Beam Indicator

Indicates that headlights are on high beam.

3. Front Fog Light Indicator — If Equipped

This indicator will illuminate when the front fog lights are on.

4. Park/Headlight ON Indicator — If Equipped

This indicator will illuminate when the park lights or headlights are turned on.

5. Brake Warning Light

This light monitors various brake functions, including brake fluid level and parking brake application. If the brake light illuminates, it may indicate that the parking brake is applied, that the brake fluid level is low, or that there is a problem with the anti-lock brake system reservoir.

If the light remains on when the parking brake has been disengaged, and the fluid level is at the full mark on the master cylinder reservoir, it indicates a possible brake hydraulic system malfunction or that a problem with the Brake Booster has been detected by the Anti-Lock Brake System (ABS) / Electronic Stability Control (ESC) system. In this case, the light will remain on until the condition has been corrected. If the problem is related to the brake booster, the ABS pump will run when applying the brake and a brake pedal pulsation may be felt during each stop.

The dual brake system provides a reserve braking capacity in the event of a failure to a portion of the hydraulic system. A leak in either half of the dual brake system is indicated by the Brake Warning Light, which will illuminate when the brake fluid level in the master cylinder has dropped below a specified level.

The light will remain on until the cause is corrected.

NOTE:

The light may flash momentarily during sharp cornering maneuvers, which change fluid level conditions. The vehicle should have service performed, and the brake fluid level checked.

If brake failure is indicated, immediate repair is necessary.

WARNING!

Driving a vehicle with the red brake light on is dangerous. Part of the brake system may have failed. It will take longer to stop the vehicle. You could have a collision. Have the vehicle checked immediately.

Vehicles equipped with the Anti-Lock Brake System (ABS), are also equipped with Elec-

tronic Brake Force Distribution (EBD). In the event of an EBD failure, the Brake Warning Light will illuminate along with the ABS Light. Immediate repair to the ABS system is required.

Operation of the Brake Warning Light can be checked by turning the ignition switch from the OFF position to the ON/RUN position. The light should illuminate for approximately two seconds. The light should then turn off unless the parking brake is applied or a brake fault is detected. If the light does not illuminate, have the light inspected by an authorized dealer.

The light also will illuminate when the parking brake is applied with the ignition switch in the ON/RUN position.

NOTE:

This light shows only that the parking brake is applied. It does not show the degree of brake application.

6. Electronic Vehicle Information Center (EVIC) Display or Driver Information Display (DID)

The odometer display shows the total distance the vehicle has been driven. When the appropriate conditions exist, this display shows the EVIC or DID messages. Refer to "Electronic Vehicle Information Center" or "Driver Information Display" in this section.

7. Anti-Lock Brake (ABS) Light

This light monitors the Anti-Lock Brake System (ABS). The light will illuminate when the ignition switch is turned to the ON/RUN position and may stay on for as long as four seconds.

If the ABS light remains on or illuminates while driving, it indicates that the Anti-Lock portion of the brake system is not functioning and that service is required. However, the conventional brake system will continue to operate normally if the BRAKE warning light is not on.

If the ABS light is on, the brake system should be serviced as soon as possible to restore the benefits of Anti-Lock brakes. If the ABS light does not illuminate when the ignition switch is turned to the ON/RUN position, have the light inspected by an authorized dealer.

8. Electronic Stability Control (ESC) Activation/Malfunction Indicator Light — If Equipped

The "ESC Activation/Malfunction Indicator Light" in the instrument cluster will come on when the ignition switch is turned to the ON/RUN position. It should go out with the engine running. If the "ESC Activation/Malfunction Indicator Light" comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this light remains on after several ignition cycles, and the vehicle has been driven several miles (kilometers) at speeds greater than 30 mph (48 km/h), see your authorized dealer as soon as possible to have the problem diagnosed and corrected .

NOTE:

- **The "ESC Off Indicator Light" and the "ESC Activation/Malfunction Indicator Light" come on momentarily each time the ignition switch is turned to ON/RUN.**

- **Each time the ignition is turned to ON/RUN, the ESC system will be ON, even if it was turned off previously.**
- **The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive following the maneuver that caused the ESC activation.**

9. Electronic Stability Control (ESC) OFF Indicator Light — If Equipped

This light indicates the Electronic Stability Control (ESC) is off.

10. Speedometer

Indicates vehicle speed.

NOTE:

A chime will sound once if the vehicle exceeds 120 km/h (75 mph).

11. Seat Belt Reminder Light

When the ignition switch is first turned to the ON/RUN position, this light will illuminate for four to eight seconds as a bulb check. During the bulb check, if the driver's seat belt is unbuckled, a chime will sound. After the bulb check or when driving, if the driver or front passenger seat belt remains unbuckled, the Seat Belt Indicator Light will flash or remain on continuously. Refer to "Occupant Restraints" in "Things To Know Before Starting Your Vehicle" for further information.

12. Turn Signal Indicator

The arrows will flash with the exterior turn signals when the turn signal lever is operated. A tone will chime, and an EVIC message will appear if either turn signal is left on for more than 1 mile (1.6 km).

NOTE:

If either indicator flashes at a rapid rate, check for a defective outside light bulb.

13. Tire Pressure Monitoring Telltale Light

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a Tire Pressure Monitoring System (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle, to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

CAUTION!

The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. Do not use tire sealant from a can or balance beads if your vehicle is equipped with a TPMS, as damage to the sensors may result.

14. Fuel Gauge / Fuel Door Reminder

The gauge pointer shows the level of fuel in the fuel tank when the ignition switch is in the ON/RUN position. The fuel pump symbol points to the side of the vehicle where the fuel door is located.

15. Temperature Gauge

The temperature gauge shows engine coolant temperature. Any reading within the normal range indicates that the engine cooling system is operating satisfactorily.

The gauge pointer will likely indicate a higher temperature when driving in hot weather, up mountain grades, or when towing a trailer. It should not be allowed to exceed the upper limits of the normal operating range.

CAUTION!

Driving with a hot engine cooling system could damage your vehicle. If the temperature gauge reads "H" pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on the "H" and you hear continuous chimes, turn the engine off immediately and call an authorized dealer for service.

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling coolant. You may want to call an authorized dealer for service if your vehicle overheats. If you decide to look under the hood yourself, see “Maintaining Your Vehicle”. Follow the warnings under the Cooling System Pressure Cap paragraph.

16. Air Bag Warning Light

This light will illuminate for four to eight seconds as a bulb check when the ignition switch is first turned to the ON/RUN position. If the light is either not on during starting, stays on, or illuminates while driving, have the system inspected at an authorized dealer as soon as possible. Refer to “Occupant Restraints” in “Things To Know Before Starting Your Vehicle” for further information.

17. Malfunction Indicator Light (MIL)

The Malfunction Indicator Light (MIL) is part of an onboard diagnostic system called OBD II that monitors engine and automatic transmission control systems. The light will illuminate when the key is in the ON/RUN position before engine start. If the bulb does not come on when turning the key from OFF to ON/RUN, have the condition checked promptly.

Certain conditions, such as a loose or missing gas cap, poor fuel quality, etc., may illuminate the light after engine start. The vehicle should be serviced if the light stays on through several of your typical driving cycles. In most situations, the vehicle will drive normally and will not require towing.

CAUTION!

Prolonged driving with the Malfunction Indicator Light (MIL) on could cause damage to the engine control system. It also could affect fuel economy and driveability. If the MIL is

(Continued)

CAUTION! ***(Continued)***

flashing, severe catalytic converter damage and power loss will soon occur. Immediate service is required.

WARNING!

A malfunctioning catalytic converter, as referenced above, can reach higher temperatures than in normal operating conditions. This can cause a fire if you drive slowly or park over flammable substances such as dry plants, wood, cardboard, etc. This could result in death or serious injury to the driver, occupants or others.

18. Vehicle Security Light

This light will flash rapidly for approximately 15 seconds when the vehicle security alarm is arming. The light will flash at a slower speed continuously after the alarm

is set. The security light will also come on for about three seconds when the ignition is first turned on.

19. Stop/Start – If Equipped

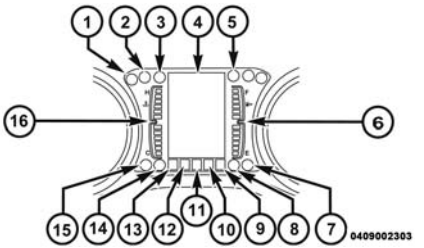
Push and release the UP or DOWN arrow button until the Stop/Start icon is highlighted in the EVIC/DID. Push and release the RIGHT arrow button to display the Stop/Start status.

20. Rear Fog Light Indicator

This indicator will illuminate when the rear fog lights are on. (Refer to “Lights” in “Understanding The Features Of Your Vehicle” for further information).

ELECTRONIC VEHICLE INFORMATION CENTER (EVIC)

The EVIC displays are located in the center portion of the cluster and consists of eight sections:



1. Electronic Park Brake Failure — If Equipped

This telltale indicates that there is an Electronic Park Brake Fault. Please see your authorized dealer for assistance.

2. Brake Warning Light

This light monitors various brake functions, including brake fluid level and parking brake application. If the brake light illuminates, it may indicate that the parking brake is applied, brake fluid level is low, or there is a problem with the anti-lock brake system reservoir.

If the light remains on when the parking brake has been disengaged, and the fluid level is at the full mark on the master cylinder reservoir, it indicates a possible brake hydraulic system malfunction or that a problem with the Brake Booster has been detected by the Anti-Lock Brake System (ABS)/Electronic Stability Control (ESC) system. In this case, the light will remain on until the condition has been corrected. If the problem is related to the brake booster, the ABS pump will run when applying the brake and a brake pedal pulsation may be felt during each stop.

The dual brake system provides a reserve braking capacity in the event of a failure to a portion of the hydraulic system. A leak in either half of the dual brake system is indicated by the Brake Warning Light, which will illuminate when the brake fluid level in the master cylinder has dropped below a specified level.

The light will remain on until the cause is corrected.

NOTE:

The light may flash momentarily during sharp cornering maneuvers, which change fluid level conditions. The vehicle should have service performed, and the brake fluid level checked.

If brake failure is indicated, immediate repair is necessary.

WARNING!

Driving a vehicle with the red brake light on is dangerous. Part of the brake system may have failed. It will take longer to stop the vehicle. You could have a collision. Have the vehicle checked immediately.

Vehicles equipped with the Anti-Lock Brake System (ABS), are also equipped with Electronic Brake Force Distribution (EBD). In the event of an EBD failure, the Brake Warning Light will illuminate along with the ABS Light. Immediate repair to the ABS system is required.

Operation of the Brake Warning Light can be checked by turning the ignition switch from the OFF position to the ON/RUN position. The light should illuminate for approximately two seconds. The light should then turn off unless the parking brake is applied or a brake fault is detected. If the light does not illuminate, have the light inspected by an authorized dealer.

The light also will illuminate when the parking brake is applied with the ignition switch in the ON/RUN position.

NOTE:

This light shows only that the parking brake is applied. It does not show the degree of brake application.

3. Engine Temperature Warning Light

This light warns of an overheated engine condition. As temperatures rise and the gauge approaches **H,** this indicator will illuminate and a single chime will sound after reaching a set threshold.

If the light illuminates while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service. Refer to “If Your Engine Overheats” in “What To Do In Emergencies” for more information.

4. EVIC Display Area

The EVIC display area will normally display the main menu or the screens of a selected feature of the main menu. The EVIC display area also displays “pop up” messages that consist of

approximately 60 possible warning or information messages. These pop up messages fall into several categories:

- ***Five Second Stored Messages***

When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. Most of the messages of this type are then stored (as long as the condition that activated it remains active) and can be reviewed from the "Messages" main menu item. As long as there is a stored message, an "i" will be displayed in the EVIC's compass/outside temp line. Examples of this message type are: "Right Front Turn Signal Lamp Out" and "Low Tire Pressure".

- ***Unstored Messages***

This message type is displayed indefinitely or until the condition that activated the message is cleared. Examples of this message type are:"Turn Signal On" (if a turn signal is left on) and "Lights On" (if driver leaves the vehicle).

- ***Unstored Messages Until RUN***

These messages deal primarily with the Remote Start feature. This message type is displayed until the ignition is in the RUN state. Examples of this message type are:"Remote Start Aborted - Door Ajar" and "Press Brake Pedal and Push Button to Start".

- ***Five Second Unstored Messages***

When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. An example of this message type is: "Automatic High Beams On".

5. LaneSense — If Equipped

The LaneSense system provides the driver with visual and steering torque warnings when the vehicle starts to drift out of its lane unintentionally without the use of a turn signal.

When the LaneSense system is ON and ready the lane lines and LaneSense indicator are the color gray.

When the LaneSense system is armed, the lane lines change to white and the LaneSense indicator changes to green.

When the LaneSense system senses a lane cross situation, the approaching lane line and the LaneSense indicator change from white to yellow.

For further information, refer to "Lanesense — If Equipped" in "Understanding The Features Of Your Vehicle".

6. Fuel Gauge

Fuel Gauge displays the level of fuel in the fuel tank when the ignition switch is in the ON/RUN position.

7. Low Fuel Telltale

When the fuel level reaches approximately 3.0 gal (11.0 L), this light will illuminate and remain on until fuel is added.

8. Rear Axle Lock Indicator — If Equipped

This light indicates when the rear axle lock has been activated.

9. Reconfigurable Yellow Telltale Display

- ***Transmission Temperature Warning Light***

This light indicates that there is excessive transmission fluid temperature that might occur with severe usage such as trailer towing. It may also occur when operating the vehicle in a high torque converter slip condition, such as 4-wheel drive operation (e.g., snow plowing, off- road operation). If this light comes on, stop the vehicle and run the engine at idle or faster, with the transmission in NEUTRAL until the light goes off.

CAUTION!

Continuous driving with the Transmission Temperature Warning Light illuminated will eventually cause severe transmission damage or transmission failure.

WARNING!

If you continue operating the vehicle when the Transmission Temperature Warning Light is illuminated you could cause the fluid to boil over, come in contact with hot engine or exhaust components and cause a fire.

- ***Low Coolant Level Indicator***

This telltale will illuminate to indicate the vehicle coolant level is low.

- ***Windshield Washer Fluid Low Indicator***

This telltale will illuminate to indicate the windshield washer fluid is low.

- ***Adaptive Cruise Control (ACC) Malfunction***

This light will illuminate when a ACC is not operating and needs service. For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

- ***LaneSense Service — If Equipped***

This telltale will illuminate to indicate that the Lane Sense Departure has detected a failure.

- ***Loose Fuel Filler Cap Message Indicator***

This telltale will illuminate to indicate the fuel filler cap is loose.

10. Manual Speed Assist (MSA) Speed Warning Telltale — If Equipped

This area displays the Manual Speed Assist (MSA) speed warning telltale.

11. Speed For Electronic Cruise Control Setting

This displays the set speed of the Electronic Speed Control.

12. Reconfigurable Telltale Area

- ***Hill Descent Indicator — If Equipped***

The symbol illuminates (is armed) when the 4WD Low switch is activated and the transmission range indicator is in LOW or REVERSE position (Off-Road Mode).

- ***Selec Speed Control Indicator — If Equipped***

The symbol illuminates and is active only in 4WD Low range when either the HDC switch on the instrument panel is selected or ROCK mode for Selec-Terrain is selected.

If the T-case is not in 4WD Low range, the following message is displayed “Selec-Speed Unavailable”.

- ***Electronic Speed Control ON***

This light will illuminate when the electronic speed control is ON. For further information, refer to “Electronic Speed Control” in “Understanding The Features Of Your Vehicle”.

- ***Electronic Speed Control SET***

This light will illuminate when the electronic speed control is SET. For further information, refer to “Electronic Speed Control” in “Understanding The Features Of Your Vehicle”.

13. Reconfigurable Red Telltale Display

- ***Power Steering System Over Temperature — If Equipped***

If the “POWER STEERING SYSTEM OVER TEMP” message and an icon are displayed on the EVIC screen, it indicates that extreme steering maneuvers may have occurred, which caused an over temperature condition in the power steering system. You will lose power steering assistance momentarily until the over temperature condition no longer exists. Once driving conditions are safe, pull over and let vehicle idle. After five minutes, the system will cool and return to normal operation. Refer to “Power Steering” in “Starting and Operating” for further information.

NOTE:

- **Even if power steering assistance is no longer operational, it is still possible to steer the vehicle. Under these conditions there will be a substantial increase in steering effort, especially at very low vehicle speeds and during parking maneuvers.**

- **If the condition persists, see your authorized dealer for service.**
- ***Door Ajar***

This light will illuminate to indicate that one or more doors may be ajar.

- ***Liftgate Ajar***

This light will illuminate to indicate that liftgate may be ajar.

- ***Oil Pressure Warning Light***

This light indicates low engine oil pressure. The light should illuminate momentarily when the engine is started. If the light illuminates while driving, stop the vehicle and shut off the engine as soon as possible. A chime will sound when this light illuminates.

Do not operate the vehicle until the cause is corrected. This light does not show how much oil is in the engine. The engine oil level must be checked under the hood.

- ***Charging System Light***

This light shows the status of the electrical charging system. If the light stays on or comes on while driving, turn off some of the vehicle's non-essential electrical devices or increase engine speed (if at idle). If the charging system light remains on, it means that the vehicle is experiencing a problem with the charging system. Obtain SERVICE IMMEDIATELY. See an authorized dealer.

If jump starting is required, refer to "Jump Starting Procedures" in "What To Do In Emergencies".

- ***Electronic Throttle Control (ETC) Light***

This light informs you of a problem with the Electronic Throttle Control (ETC) system. The light will come on when the ignition is first turned ON and remain on briefly as a bulb check. If the light does not come on during starting, have the system checked by an authorized dealer.

If a problem is detected, the light will come on while the engine is running. Cycle the ignition key when the vehicle has completely stopped and the shift lever is placed in the PARK position. The light should turn off.

If the light remains lit with the engine running, your vehicle will usually be drivable. However, see an authorized dealer for service as soon as possible. If the light is flashing when the engine is running, immediate service is required. You may experience reduced performance, an elevated/rough idle or engine stall and your vehicle may require towing.

- ***Oil Temperature Warning Light***

This telltale indicates engine oil temperature is high. If the light illuminates while driving, stop the vehicle and shut off the engine as soon as possible.

- ***Secondary Air Bag Warning Light***

If the light illuminates while driving, have the system inspected at an authorized dealer as soon as possible. Refer to "Occupant Restraints" in "Things To Know Before Starting Your Vehicle" for further information.

14. 4WD LOW Indicator Light — If Equipped

This light alerts the driver that the vehicle is in the four-wheel drive LOW mode. The front and rear driveshafts are mechanically locked together forcing the front and rear wheels to rotate at the same speed. Low range provides a greater gear reduction ratio to provide increased torque at the wheels.

For further information on four-wheel drive operation and proper use, refer to “Four-Wheel Drive Operation — If Equipped” in “Starting And Operating”.

15. SERV 4WD Indicator Light — If Equipped

This light alerts the driver that the 4WD is in need of service. If this light is illuminated, see your authorized dealer as soon as possible.

16. Temperature Gauge

The temperature gauge shows engine coolant temperature. Any reading within the normal range indicates that the engine cooling system is operating satisfactorily.

The gauge pointer will likely indicate a higher temperature when driving in hot weather, up mountain grades, or when towing a trailer. It should not be allowed to exceed the upper limits of the normal operating range.

CAUTION!

Driving with a hot engine cooling system could damage your vehicle. If the temperature gauge reads “H” pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on the “H” and you hear continuous chimes, turn the engine off immediately and call an authorized dealer for service.

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling coolant. You may want to

(Continued)

WARNING! *(Continued)*

call an authorized dealer for service if your vehicle overheats. If you decide to look under the hood yourself, see “Maintaining Your Vehicle”. Follow the warnings under the Cooling System Pressure Cap paragraph.

Oil Change Reset

Oil Change Due

Your vehicle is equipped with an engine oil change indicator system. The “Oil Change Due” message will display in the EVIC for five seconds after a single chime has sounded, to indicate the next scheduled oil change interval. The engine oil change indicator system is duty cycle based, which means the engine oil change interval may fluctuate, dependent upon your personal driving style.

Unless reset, this message will continue to display each time the ignition is cycled to the ON/RUN position. To turn off the message

temporarily, push and release the OK button. To reset the oil change indicator system (after performing the scheduled maintenance), refer to the following procedure.

1. Without pushing the brake pedal, push the ENGINE START/STOP button and cycle the ignition to the ON/RUN position (do not start the engine.)
2. Fully push the accelerator pedal, slowly, three times within 10 seconds.
3. Without pushing the brake pedal, push the ENGINE START/STOP button once to return the ignition to the OFF/LOCK position.

NOTE:

If the indicator message illuminates when you start the vehicle, the oil change indicator system did not reset. If necessary, repeat this procedure.

EVIC Red Telltales

This area will show reconfigurable red telltales. These telltales include:

- ***Charging System Light***

This light shows the status of the electrical charging system. If the light stays on or comes on while driving, turn off some of the vehicle's non-essential electrical devices or increase engine speed (if at idle). If the charging system light remains on, it means that the vehicle is experiencing a problem with the charging system. Obtain SERVICE IMMEDIATELY. See an authorized dealer.

If jump starting is required, refer to "Jump Starting Procedures" in "What To Do In Emergencies".

- ***Engine Temperature Warning Light***

This light warns of an overheated engine condition. As temperatures rise and the gauge approaches **H,** this indicator will illuminate and a single chime will sound after reaching a set threshold. Further overheating will cause the temperature gauge to pass **H,** a continuous chime will occur until the engine is allowed to cool.

If the light illuminates while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service. Refer to "If Your Engine Overheats" in "What To Do In Emergencies" for more information.

- ***Door Ajar***

This light will illuminate to indicate that one or more doors may be ajar.

- ***Oil Pressure Warning Light***

This telltale indicates low engine oil pressure. If the light illuminates while driving, stop the vehicle and shut off the engine as soon as possible. A chime will sound when this light illuminates.

Do not operate the vehicle until the cause is corrected. This light does not show how much oil is in the engine. The engine oil level must be checked under the hood.

- ***Electronic Throttle Control (ETC) Light***

This light informs you of a problem with the Electronic Throttle Control (ETC) system. The light will come on when the ignition is first turned ON and remain on briefly as a bulb check. If the light does not come on during starting, have the system checked by an authorized dealer.

If a problem is detected, the light will come on while the engine is running. Cycle the ignition key when the vehicle has completely stopped and the shift lever is placed in the PARK position. The light should turn off.

If the light remains lit with the engine running, your vehicle will usually be drivable. However, see an authorized dealer for service as soon as possible. If the light is flashing when the engine is running, immediate service is required. You may experience reduced performance, an elevated/rough idle or engine stall and your vehicle may require towing.

- ***Electric Power Steering Malfunction Warning Light***

This telltale is on when the Electric Power Steering is not operating and needs service.

- ***Air Bag Warning Light***

This light will illuminate for four to eight seconds as a bulb check when the ignition switch is first turned to ON/RUN. If the light is either not on during starting, stays on, or illuminates while driving, have the system inspected at an authorized dealer as soon as possible. Refer to “Occupant Restraints” in “Things To Know Before Starting Your Vehicle” for further information.

- ***Oil Temperature Warning Light***

This telltale indicates engine oil temperature is high. If the light illuminates while driving, stop the vehicle and shut off the engine as soon as possible.

- ***Liftgate Open Warning Light***

This telltale is on when the Trailer Brake has been disconnected.

EVIC Yellow Telltales

This area will show reconfigurable yellow caution telltales. These telltales include:

- ***Forward Collision Telltale***

This telltale will illuminate to warn you of a possible collision with the vehicle in front of you.

- ***Service Stop/Start System Telltale — If Equipped***

This telltale will illuminate to indicate the Stop/Start system is not functioning properly and service is required.

- ***Service Adaptive Cruise Control Telltale***

This light will illuminate when an ACC is not operating and needs service. For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

- ***Low Fuel Telltale***

When the fuel level reaches approximately 3.0 gal (11.0 L) this light will illuminate, and remain on until fuel is added.

- ***Transmission Over Temperature Telltale — If Equipped***

This telltale indicates that the transmission fluid temperature is running hot. This may occur with severe usage, such as trailer towing. If this telltale illuminates, safely pull over and stop the vehicle. Then, shift the transmission into NEUTRAL and run the engine at idle or faster until the light turns off.

- ***Service 4WD Telltale***

If the light stays on or comes on during driving, it means that the 4WD system is not functioning properly and that service is required. We recommend you drive to the nearest service center and have the vehicle serviced immediately.

- ***LaneSense Failure Telltale***

This telltale will illuminate to indicate that the LaneSense Departure has detected a failure.

- ***Rear Axle Locker Telltale***

This light indicates when the rear axle lock has been activated.

- ***Washer Fluid Telltale***

This telltale will illuminate to indicate the windshield washer fluid is low.

- ***Loose Fuel Filler Cap***

This telltale will illuminate to indicate that the fuel filler cap may be loose.

EVIC Selectable Menu Items

Push and release the UP or DOWN arrow buttons until the desired Selectable Menu icon is highlighted in the EVIC.

Speedometer

Push and release the UP or DOWN arrow button until the Speedometer Menu item is highlighted in the EVIC. Push the OK button to change the speedometer scale from mph to km/h (or vice versa).

Vehicle Info (Customer Information Features)
Push and release the UP or DOWN arrow button until the Vehicle Info Menu item is highlighted in the EVIC. Push and release the RIGHT/LEFT arrow button to cycle through the Vehicle Info sub-menus, follow the prompts on each screen as needed.

Tire Pressure

Push and release the UP or DOWN arrow button until "Tire Pressure" is highlighted in the EVIC. Push and release the RIGHT arrow button and one of the following will be displayed:

If tire pressure is OK for all tires a vehicle ICON is displayed with tire pressure values in each corner of the ICON.

If one or more tires have low pressure, "Inflate Tire To XX" is displayed with the vehicle ICON and the tire pressure values in each corner of the ICON with the pressure value of the low tire displayed in a different color than the other tire pressure value.

If the Tire Pressure system requires service, "Service Tire Pressure System" is displayed.

Tire PSI is an information only function and cannot be reset. Push and release the LEFT arrow button to return to the main menu.

Refer to "Tire Pressure Monitoring System (TPMS)" under "Starting and Operating" for further information.

Coolant Temperature

Transmission Temp

Oil Temp

Oil Life

Battery Voltage

Driver Assist
Adaptive Cruise Control (ACC) Menu

The EVIC displays the current ACC system settings. The information displayed depends on ACC system status.

Push the ADAPTIVE CRUISE CONTROL (ACC) ON/OFF button (located on the steering wheel) until one of the following displays in the EVIC:

Adaptive Cruise Control Off

When ACC is deactivated, the display will read "Adaptive Cruise Control Off."

Adaptive Cruise Control Ready

When ACC is activated but the vehicle speed setting has not been selected, the display will read "Adaptive Cruise Control Ready."

Push and release the SET + or the SET- button (located on the steering wheel) and the following will display in the EVIC:

ACC SET

When ACC is set, the set speed will display in the instrument cluster.

The ACC screen may display once again if any ACC activity occurs, which may include any of the following:

- Distance Setting Change
- System Cancel
- Driver Override
- System Off
- ACC Proximity Warning
- ACC Unavailable Warning
- The DID will return to the last display selected after five seconds of no ACC display activity.

For further information, refer to “Adaptive Cruise Control (ACC) — If Equipped” in “Understanding The Features Of Your Vehicle”.

LaneSense

The EVIC displays the current LaneSense system settings. The information displayed depends on LaneSense system status and the conditions that need to be met. For further information, refer to “LaneSense — If Equipped” in “Understanding The Features Of Your Vehicle”.

Fuel Economy
Push and release the UP or DOWN arrow button until the Fuel Economy Menu item is highlighted. Push and Hold the OK button to reset feature.

- Range
- Average Fuel Economy
- Current Fuel Economy (MPG or L/100 km)

Trip Info
Push and release the UP or DOWN arrow button until the Trip Menu item is highlighted in the EVIC (Toggle left or right to select Trip A or Trip B). The Trip information will display the following:

- Distance
- Average Fuel Economy
- Elapsed Time

Hold the OK button to reset feature information.

Audio
Push and release the UP or DOWN arrow button until the Audio Menu item is highlighted in the EVIC.

Stored Messages

Push and release the UP or DOWN arrow button until the Messages Menu item is highlighted in the EVIC. This feature shows the number of stored warning messages. Pushing the RIGHT arrow button will allow you to see what the stored messages are.

Screen Setup
Push and release the UP or DOWN arrow button until the Screen Setup Menu item is highlighted in the EVIC. Push and release the OK button to enter the sub-menus and follow the prompts on the screen as needed. The Screen Setup feature allows you to change what information is displayed in the instrument cluster as well as the location that information is displayed.

Screen Setup Driver Selectable Items

Upper Left

- Compass
- Outside Temp (default setting)
- Time
- Range To Empty (RTE)
- Average MPG or L/100 km
- Current MPG or L/100 km
- None

Upper Right

- Compass (default setting)
- Outside Temp
- Time
- Range To Empty (RTE)
- Average MPG or L/100 km
- Current MPG or L/100 km
- None

Center

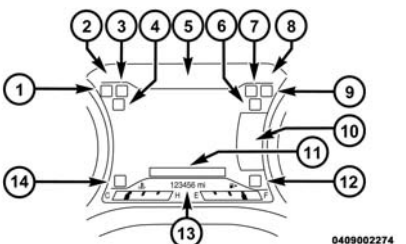
- Menu Title (Default Setting)
- Compass
- Outside Temp
- Time
- Range To Empty
- Average MPG or L/100 km
- Current MPG or L/100 km
- Trip A
- Trip B
- Audio Information
- None

Restore To Defaults (Restores All Settings To Default Settings)

- OK
- Cancel

DRIVER INFORMATION DISPLAY (DID)

The DID displays are located in the center portion of the cluster and consists of eight sections:



1. LaneSense — If Equipped

The LaneSense system provides the driver with visual and steering torque warnings when the vehicle starts to drift out of its lane unintentionally without the use of a turn signal.

When LaneSense system is ON and ready the lane lines and LaneSense indicator are the color gray.

When LaneSense system is armed, the lane lines change to white and the LaneSense indicator changes to green.

When LaneSense system senses a lane cross situation, the approaching lane line and the LaneSense indicator change from white to yellow.

For further information, refer to “LaneSense— If Equipped” in “Understanding The Features Of Your Vehicle”.

2. DID Selectable Display Area

This area displays selectable information (Compass, Temp, Range to Empty, Trip, Average MPG or L/100 km).

3. Electronic Park Brake Failure

This telltale indicates that there is an Electronic Park Brake Fault. Please see your authorized dealer for assistance.

4. Brake Warning Light

This light monitors various brake functions, including brake fluid level and parking brake application. If the brake light turns on it may indicate that the parking brake is applied, that the brake fluid level is low, or that there is a problem with the anti-lock brake system reservoir.

If the light remains on when the parking brake has been disengaged, and the fluid level is at the full mark on the master cylinder reservoir, it indicates a possible brake hydraulic system malfunction or that a problem with the Brake Booster has been detected by the Anti-Lock Brake System (ABS)/ Electronic Stability Control (ESC) system. In this case, the light will remain on until the condition has been corrected. If the problem is related to the brake booster, the ABS pump will run when applying the brake and a brake pedal pulsation may be felt during each stop.

The dual brake system provides a reserve braking capacity in the event of a failure to a portion of the hydraulic system. A leak in either half of the dual brake system is indicated by the Brake Warning Light, which will turn on when the brake fluid level in the master cylinder has dropped below a specified level.

The light will remain on until the cause is corrected.

NOTE:

The light may flash momentarily during sharp cornering maneuvers, which change fluid level conditions. The vehicle should have service performed, and the brake fluid level checked.

If brake failure is indicated, immediate repair is necessary.

WARNING!

Driving a vehicle with the red brake light on is dangerous. Part of the brake system may have failed. It will take longer to stop the vehicle. You could have a collision. Have the vehicle checked immediately.

Vehicles equipped with the Anti-Lock Brake System (ABS), are also equipped with Electronic Brake Force Distribution (EBD). In the event of an EBD failure, the Brake Warning Light will turn on along with the ABS Light. Immediate repair to the ABS system is required.

Operation of the Brake Warning Light can be checked by turning the ignition switch from the OFF position to the ON/RUN position. The light should illuminate for approximately two seconds. The light should then turn off unless the parking brake is applied or a brake fault is detected. If the light does not illuminate, have the light inspected by an authorized dealer.

The light also will turn on when the parking brake is applied with the ignition switch in the ON/RUN position.

NOTE:

This light shows only that the parking brake is applied. It does not show the degree of brake application.

5. Driver Information Display (DID)

The DID display area will normally display the main menu or the screens of a selected feature of the main menu. The DID display area also displays “pop up” messages that consist of approximately 60 possible warning or information messages. These pop up messages fall into several categories:

- ***Five Second Stored Messages***

When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. Most of the messages of this type are then stored (as long as the condition that activated it remains active) and can be reviewed from the “Messages” main menu item. As long as there is a stored message, an “i” will be displayed in the middle of the DID’s top line. Examples of this message type are “Right Front Turn Signal Lamp Out” and “Low Tire Pressure”.

- ***Unstored Messages***

This message type is displayed indefinitely or until the condition that activated the message is cleared. Examples of this message type are “Turn Signal On” (if a turn signal is left on) and “Lights On” (if driver leaves the vehicle).

- ***Unstored Messages Until RUN***

These messages deal primarily with the Remote Start feature. This message type is displayed until the ignition is in the RUN state. Examples of this message type are “Remote Start Aborted - Door Ajar” and “Press Brake Pedal and Push Button to Start”.

- ***Five Second Unstored Messages***

When the appropriate conditions occur, this type of message takes control of the main display area for five seconds and then returns to the previous screen. An example of this message type is “Automatic High Beams On”.

6. Manual Speed Assist (MSA) Speed Warning Telltale — If Equipped

This area displays the Manual Speed Assist (MSA) speed warning telltale.

7. Speed For Electronic Cruise Control Setting

This displays the set speed of the Electronic Speed Control.

8. DID Selectable Display Area

This area displays selectable information (Compass, Temp, Range to Empty, Trip, Average MPG or L/100 km).

NOTE:

The system will display the last known outside temperature when starting the vehicle and may need to be driven several minutes before the updated temperature is displayed. Engine temperature can also affect the displayed temperature; therefor, temperature readings are not updated when the vehicle is not moving.

9. Reconfigurable Telltale Area

- ***Hill Descent Indicator — If Equipped***

The symbol illuminates (is armed) when the 4WD Low switch is activated and the transmission range indicator is in LOW or REVERSE position (Off-Road Mode).

- ***Selec Speed Control Indicator — If Equipped***

The symbol illuminates and is active only in 4WD Low range when either the HDC switch on the instrument panel is selected or ROCK mode for Selec-Terrain is selected.

If the T-case is not in 4WD Low range, the following message is displayed “Selec-Speed Unavailable”.

- ***Electronic Speed Control ON***

This light will turn on when the electronic speed control is ON. For further information, refer to “Electronic Speed Control” in “Understanding The Features Of Your Vehicle”.

- ***Electronic Speed Control SET***

This light will turn on when the electronic speed control is SET. For further information, refer to “Electronic Speed Control” in “Understanding The Features Of Your Vehicle”.

- ***Adaptive Cruise Control (ACC) Distance Setting Display***

This will display the distance setting for the ACC system. For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

10. Shift Lever Status (PRNDL)

The shift lever status “P,R,N,D,L,9,8,7,6,5,4,3,2,1” are displayed indicating the shift lever position. Refer to “Starting And Operating”.

11. Instructional Area

This area will display text to the visual warnings (i.e., “Push Brake To Start”).

12. Amber Reconfigurable Telltale Display

- ***Transmission Temperature Warning Light***

This light indicates that there is excessive transmission fluid temperature that might occur with severe usage such as trailer towing. It may also occur when operating the vehicle in a high torque converter slip condition, such as 4-wheel-drive operation (e.g., snow plowing, off- road operation). If this light comes on, stop the vehicle and run the engine at idle or faster, with the transmission in NEUTRAL until the light goes off.

CAUTION!

Continuous driving with the Transmission Temperature Warning Light illuminated will eventually cause severe transmission damage or transmission failure.

WARNING!

If you continue operating the vehicle when the Transmission Temperature Warning Light is illuminated you could cause the fluid to boil over, come in contact with hot engine or exhaust components and cause a fire.

- ***Low Fuel Telltale***

When the fuel level reaches approximately 3.0 gal (11.0 L) this light will turn on, and remain on until fuel is added.

- ***Rear Axle Lock Indicator — If Equipped***

This light indicates when the rear axle lock has been activated.

- ***Low Coolant Level Indicator***

This telltale will turn on to indicate the vehicle coolant level is low.

- ***Windshield Washer Fluid Low Indicator***

This telltale will turn on to indicate the windshield washer fluid is low.

- ***4WD LOW Indicator Light — If Equipped***

This light alerts the driver that the vehicle is in the four-wheel drive LOW mode. The front and rear driveshafts are mechanically locked together forcing the front and rear wheels to rotate at the same speed. Low range provides a greater gear reduction ratio to provide increased torque at the wheels.

For further information on four-wheel drive operation and proper use, refer to “Four-Wheel Drive Operation — If Equipped” in “Starting And Operating”.

- ***SERV 4WD Indicator Light — If Equipped***

This light alerts the driver that the 4WD is in need of service. If this light is illuminated, see your authorized dealer as soon as possible.

- ***Adaptive Cruise Control (ACC) Malfunction***

This light will turn on when a ACC is not operating and needs service. For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

- ***LaneSense Service — If Equipped***

This telltale will turn on to indicate that the Lane Sense Departure has detected a failure.

- ***Loose Fuel Filler Cap Message Indicator***

This telltale will turn on to indicate the fuel filler cap is loose.

13. Odometer Display/Fuel Gauge/ Temperature Gauge/Submenu Area

The odometer display shows the total distance the vehicle has been driven.

When the appropriate conditions exist, this display shows the Driver Information Display (DID) messages and Submenus.

- ***Fuel Gauge***

Fuel Gauge displays the level of fuel in the fuel tank when the ignition switch is in the ON/RUN position.

- ***Temperature Gauge***

The temperature gauge shows engine coolant temperature. Any reading within the normal range indicates that the engine cooling system is operating satisfactorily.

The gauge pointer will likely indicate a higher temperature when driving in hot weather, up mountain grades, or when towing a trailer. It should not be allowed to exceed the upper limits of the normal operating range.

CAUTION!

Driving with a hot engine cooling system could damage your vehicle. If the temperature gauge reads “H” pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on the “H” and you hear continuous chimes, turn the engine off immediately and call an authorized dealer for service.

WARNING!

A hot engine cooling system is dangerous. You or others could be badly burned by steam or boiling coolant. You may want to call an authorized dealer for service if your vehicle overheats. If you decide to look under the hood yourself, see “Maintaining Your Vehicle”. Follow the warnings under the Cooling System Pressure Cap paragraph.

14. Red Reconfigurable Telltale Display

- ***Engine Temperature Warning Light***

This light warns of an overheated engine condition. As temperatures rise and the gauge approaches **H,** this indicator will illuminate and a single chime will sound after reaching a set threshold.

If the light turns on while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service. Refer to “If Your Engine Overheats” in “What To Do In Emergencies” for more information.

- ***Power Steering System Over Temperature — If Equipped***

If the “POWER STEERING SYSTEM OVER TEMP” message and icon are displayed on the DID screen, it indicates that extreme steering maneuvers may have occurred, which caused an over temperature condition in the power steering system. You will lose power steering assistance

momentarily until the over temperature condition no longer exists. Once driving conditions are safe, then pull over and let vehicle idle. After five minutes, the system will cool and return to normal operation. Refer to “Power Steering” in “Starting And Operating” for further information.

NOTE:

- **Even if power steering assistance is no longer operational, it is still possible to steer the vehicle. Under these conditions there will be a substantial increase in steering effort, especially at very low vehicle speeds and during parking maneuvers.**
- **If the condition persists, see your authorized dealer for service.**
- ***Door Ajar***

This light will turn on to indicate that one or more doors may be ajar.

- ***Liftgate Ajar***

This light will turn on to indicate that liftgate may be ajar.

- ***Oil Pressure Warning Light***

This light indicates low engine oil pressure. The light should turn on momentarily when the engine is started. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible. A chime will sound for four minutes when this light turns on.

Do not operate the vehicle until the cause is corrected. This light does not show how much oil is in the engine. The engine oil level must be checked under the hood.

- ***Charging System Light***

This light shows the status of the electrical charging system. If the light stays on or comes on while driving, turn off some of the vehicle’s non-essential electrical devices or increase engine speed (if at idle). If the charging system light remains on, it means that the vehicle is experiencing a problem with the charging system. Obtain SERVICE IMMEDIATELY. See an authorized dealer.

If jump starting is required, refer to “Jump Starting Procedures” in “What To Do In Emergencies”.

- ***Electronic Throttle Control (ETC) Light***

This light informs you of a problem with the Electronic Throttle Control (ETC) system. The light will come on when the ignition is first turned ON and remain on briefly as a bulb check. If the light does not come on during starting, have the system checked by an authorized dealer.

If a problem is detected, the light will come on while the engine is running. Cycle the ignition key when the vehicle has completely stopped and the shift lever is placed in the PARK position. The light should turn off.

If the light remains lit with the engine running, your vehicle will usually be drivable. However, see an authorized dealer for service as soon as possible. If the light is flashing when the engine is running, immediate service is required. You may experience reduced performance, an

elevated/rough idle or engine stall and your vehicle may require towing.

- ***Oil Temperature Warning Light***

This telltale indicates engine oil temperature is high. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible.

- ***Air Bag Warning Light***

This light will turn on for four to eight seconds as a bulb check when the ignition switch is first turned to the ON/RUN position. If the light is either not on during starting, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as possible. Refer to "Occupant Restraints" in "Things To Know Before Starting Your Vehicle" for further information.

Oil Change Reset

Oil Change Due

Your vehicle is equipped with an engine oil change indicator system. The "Oil Change Due" message will display in the DID for five seconds after a single chime has sounded, to indicate the next scheduled oil change interval. The engine oil change indicator system is duty cycle based, which means the engine oil change interval may fluctuate, dependent upon your personal driving style.

Unless reset, this message will continue to display each time you turn the ignition is cycled to the ON/RUN position. To turn off the message temporarily, push and release the OK button. To reset the oil change indicator system (after performing the scheduled maintenance) refer to the following procedure.

1. Without pushing the brake pedal, push the ENGINE START/STOP button and cycle the ignition to the ON/RUN position (do not start the engine.)
2. Fully depress the accelerator pedal, slowly, three times within 10 seconds.
3. Without pushing the brake pedal, push the ENGINE START/STOP button once to return the ignition to the OFF/LOCK position.

NOTE:

If the indicator message illuminates when you start the vehicle, the oil change indicator system did not reset. If necessary, repeat this procedure.

DID Red Telltales

This area will show reconfigurable red telltales. These telltales include:

- ***Charging System Light***

This light shows the status of the electrical charging system. If the light stays on or comes on while driving, turn off some of the vehicle's non-essential electrical devices or increase engine speed (if at idle). If the charging system light remains on, it means that the vehicle is experiencing a problem with the charging system. Obtain SERVICE IMMEDIATELY. See an authorized dealer.

If jump starting is required, refer to "Jump Starting Procedures" in "What To Do In Emergencies".

- ***Engine Temperature Warning Light***

This light warns of an overheated engine condition. As temperatures rise and the gauge approaches **H,** this indicator will illuminate and a single chime will sound after reaching a set threshold. Further overheating will cause the temperature gauge to pass **H,** a continuous chime will occur until the engine is allowed to cool.

If the light turns on while driving, safely pull over and stop the vehicle. If the A/C system is on, turn it off. Also, shift the transmission into NEUTRAL and idle the vehicle. If the temperature reading does not return to normal, turn the engine off immediately and call for service. Refer to “If Your Engine Overheats” in “What To Do In Emergencies” for more information.

- ***Door Ajar***

This light will turn on to indicate that one or more doors may be ajar.

- ***Oil Pressure Warning Light***

This telltale indicates low engine oil pressure. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible. A chime will sound when this light turns on.

Do not operate the vehicle until the cause is corrected. This light does not show how much oil is in the engine. The engine oil level must be checked under the hood.

- ***Electronic Throttle Control (ETC) Light***

This light informs you of a problem with the Electronic Throttle Control (ETC) system. The light will come on when the ignition is first turned ON and remain on briefly as a bulb check. If the light does not come on during starting, have the system checked by an authorized dealer.

If a problem is detected, the light will come on while the engine is running. Cycle the ignition key when the vehicle has completely stopped and the shift lever is placed in the PARK position. The light should turn off.

If the light remains lit with the engine running, your vehicle will usually be drivable. However, see an authorized dealer for service as soon as possible. If the light is flashing when the engine is running, immediate service is required. You may experience reduced performance, an elevated/rough idle or engine stall and your vehicle may require towing.

- ***Electric Power Steering Malfunction Warning Light***

This telltale is on when the Electric Power Steering is not operating and needs service.

- ***Air Bag Warning Light***

This light will turn on for four to eight seconds as a bulb check when the ignition switch is first turned to ON/RUN. If the light is either not on during starting, stays on, or turns on while driving, have the system inspected at an authorized dealer as soon as

possible. Refer to “Occupant Restraints” in “Things To Know Before Starting Your Vehicle” for further information.

- ***Oil Temperature Warning Light***

This telltale indicates engine oil temperature is high. If the light turns on while driving, stop the vehicle and shut off the engine as soon as possible.

- ***Liftgate Open Warning Light***

This telltale is on when the Trailer Brake has been disconnected.

DID Yellow Telltales

This area will show reconfigurable yellow caution telltales. These telltales include:

- ***Forward Collision Telltale***

This telltale will turn on warn you of a possible collision with the vehicle in front of you.

- ***Service Stop/Start System Telltale — If Equipped***

This telltale will turn on to indicate the Stop/Start system is not functioning properly and service is required.

- ***Service Adaptive Cruise Control Telltale***

This light will turn on when a ACC is not operating and needs service. For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

- ***Low Fuel Telltale***

When the fuel level reaches approximately 3.0 gal (11.0 L) this light will turn on, and remain on until fuel is added.

- ***Transmission Over Temperature Telltale — If Equipped***

This telltale indicates that the transmission fluid temperature is running hot. This may occur with severe usage, such as trailer towing. If this telltale turns on, safely pull over and stop the vehicle. Then, shift the transmission into NEUTRAL and run the engine at idle or faster until the light turns off.

- ***Service 4WD Telltale***

If the light stays on or comes on during driving, it means that the 4WD system is not functioning properly and that service is required. We recommend you drive to the nearest service center and have the vehicle serviced immediately.

- ***LaneSense Failure Telltale***

This telltale will turn on to indicate that the LaneSense Departure has detected a failure.

- ***Rear Axle Locker Telltale***

This light indicates when the rear axle lock has been activated.

- ***Washer Fluid Telltale***

This telltale will turn on to indicate the windshield washer fluid is low.

- ***Loose Fuel Filler Cap***

This telltale will turn on to indicate that the fuel filler cap may be loose.

DID Selectable Menu Items

Push and release the UP or DOWN arrow buttons until the desired Selectable Menu item is displayed in the DID.

Follow the Menu or submenu prompts as desired.

Speedometer

Push and release the UP or DOWN arrow button until the Speedometer Menu item is highlighted in the DID. Push and release the OK button to change the speedometer scale from mph to km/h (or vice versa).

Vehicle Info (Customer Information Features)

Push and release the UP or DOWN arrow button until the Vehicle Info Menu item is highlighted in the DID. Push and release the RIGHT/LEFT arrow button to cycle through the Vehicle Info sub-menus, follow the prompts on each screen as needed.

Tire Pressure

Push and release the UP or DOWN arrow button until "Tire Pressure" is highlighted in the DID. Push and release the RIGHT arrow button and one of the following will be displayed:

- If tire pressure is OK for all tires a vehicle ICON is displayed with tire pressure values in each corner of the ICON.
- If one or more tires have low pressure, "Inflate Tire To XX" is displayed with the vehicle ICON and the tire pressure values in each corner of the ICON with the pressure value of the low tire displayed in a different color than the other tire pressure value.
- If the Tire Pressure system requires service, "Service Tire Pressure System" is displayed.

Tire PSI is an information only function and cannot be reset. Push and release the LEFT arrow button to return to the main menu.

Refer to "Tire Pressure Monitoring System (TPMS)" under "Starting and Operating" for further information.

Coolant Temperature

Transmission Temp

Oil Temp

Oil Life

Battery Voltage

Driver Assist
Adaptive Cruise Control (ACC) Menu

The DID displays the current ACC system settings. The information displayed depends on ACC system status.

Push the ADAPTIVE CRUISE CONTROL (ACC) ON/OFF button (located on the steering wheel) until one of the following displays in the DID:

Adaptive Cruise Control Off

When ACC is deactivated, the display will read "Adaptive Cruise Control Off."

Adaptive Cruise Control Ready

When ACC is activated but the vehicle speed setting has not been selected, the display will read "Adaptive Cruise Control Ready."

Push and release the SET + or the SET- button (located on the steering wheel) and the following will display in the DID:

ACC SET

When ACC is set, the set speed will display in the instrument cluster.

The ACC screen may display once again if any ACC activity occurs, which may include any of the following:

- Distance Setting Change
- System Cancel
- Driver Override
- System Off
- ACC Proximity Warning
- ACC Unavailable Warning
- The DID will return to the last display selected after five seconds of no ACC display activity.

For further information, refer to "Adaptive Cruise Control (ACC) — If Equipped" in "Understanding The Features Of Your Vehicle".

LaneSense

The DID displays the current LaneSense system settings. The information displayed depends on LaneSense system status and the conditions that need to be met. For further information, refer to "LaneSense — If Equipped" in "Understanding The Features Of Your Vehicle".

Fuel Economy
Push and release the UP or DOWN arrow button until the Fuel Economy Menu item is highlighted in the DID. Push and Hold the OK button to reset feature.

- Range
- Average Fuel Economy
- Current Fuel Economy (MPG or L/100 km)

Trip Info
Push and release the UP or DOWN arrow button until the Trip Menu item is highlighted in the DID (Toggle left or right to select Trip A or Trip B). The Trip information will display the following:

- Distance
- Average Fuel Economy
- Elapsed Time

Hold the OK button to reset feature information.

Audio
Push and release the UP or DOWN arrow button until the Audio Menu displays in the DID.

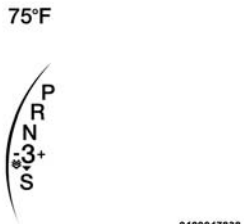
Stored Messages
Push and release the UP or DOWN arrow button until the Messages Menu item is highlighted in the DID. This feature shows the number of stored warning messages. Pushing the RIGHT arrow button will allow you to see what the stored messages are.

Screen Setup
Push and release the UP or DOWN arrow button until the Screen Setup Menu displays in the DID. Push and release the OK button to enter the sub-menus. The Screen Setup feature allows you to change what information is displayed in the instrument cluster as well as the location that information is displayed.

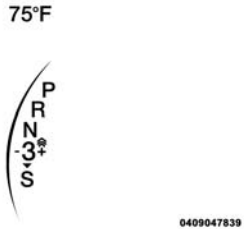
GEAR SHIFT INDICATOR (GSI) — IF EQUIPPED

The Gear Shift Indicator (GSI) system is enabled on vehicles with manual shifting mode. The GSI provides the driver with a visual indication within the DID when the recommended gear shift point has been reached. This indication notifies the driver that changing gears will allow a reduction in fuel consumption. When the shift up indicator is shown on the display, the GSI is advising the driver to engage a higher gear.

The GSI indicator in the DID remains illuminated until the driver changes gear, or the driving conditions return to a situation where changing gear is not required to improve fuel consumption.



GSI Down Shift



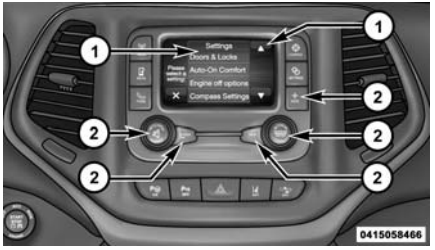
GSI Up Shift

Speed Warning — If Equipped

Push and release the **UP** or **DOWN** arrow button until the Speed Warning Menu icon/title is highlighted in the DID. Push and release OK to enter speed warning. Use **UP** or **DOWN** arrow to select a desired speed, then push and release OK to set the speed. The Manual Speed Assist (MSA) Speed Warning telltale will display in the DID, and a chime will sound with a pop up warning message when the set speed is exceeded.

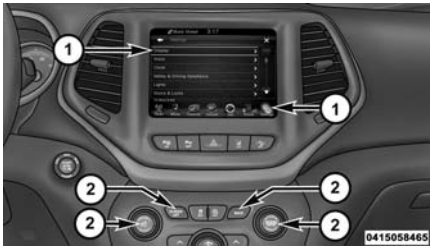
Uconnect® SETTINGS

The Uconnect® system uses a combination of buttons on the touchscreen and buttons on the faceplate located on the center of the instrument panel that allow you to access and change the customer programmable features. Many features can vary by vehicle.



Uconnect® 5.0 Buttons On The Touchscreen And Buttons On The Faceplate

1 — Uconnect® Buttons On The Touchscreen
2 — Uconnect® Buttons On The Faceplate



Uconnect® 8.4A/8.4AN Buttons On The Touchscreen And Buttons On The Faceplate

1 — Uconnect® Buttons On The Touchscreen
2 — Uconnect® Buttons On The Faceplate

Buttons On The Faceplate

Buttons on the faceplate are located below the Uconnect® system in the center of the instrument panel. In addition, there is a Scroll/Enter control knob located on the right side of the Climate Controls in the center of the instrument panel. Turn the control knob to scroll through menus and change settings (i.e., 30, 60, 90), push the center of the control knob one or more times to select or change a setting (i.e., ON, OFF).

Your Uconnect® system may also have Screen Off and Back buttons located below the Uconnect® system.

Push the Screen Off button to turn off the Uconnect® touchscreen. Push the Screen Off button a second time to turn the touchscreen on.

Push the Back button to exit out of a Menu or certain option on the Uconnect® system.

Buttons On The Touchscreen

Buttons on the touchscreen are accessible on the Uconnect® display.

Customer Programmable Features/Personal Settings — Uconnect® 5.0 Settings

Push the MORE button on the faceplate to display the menu setting screen. In this mode the Uconnect® system allows you to access programmable features that may be equipped such as Display, Voice, Clock & Date, Safety & Assistance, Lights, Doors & Locks, Auto-On Comfort, Engine Off Options, Compass Settings, Audio, Phone/Bluetooth®, Restore Settings, and Clear Personal Data

NOTE:
Only one category may be selected at a time.

When making a selection, press the button on the touchscreen to enter the desired mode. Once in the desired mode, press and release the preferred setting and make your selection. Once the setting is complete, either press the Back Arrow/Done button on the touchscreen or the Back button on the faceplate to return to the previous menu or press the "X" button on the touchscreen to close out of the settings screen. Pressing the Up or Down Arrow buttons on the right side of the screen will allow you to toggle up or down through the available settings.

Display
After pressing the "Display" button on the touchscreen the following settings will be available.

- ***Display Mode***

When in this display you may select the "Auto" or "Manual" display settings. To change Mode status, press and release the "Auto" or "Manual" button on the touchscreen. Then press the arrow back button on the touchscreen.

NOTE:
When Day or Night is selected for the Display Mode, the usage of the Parade Mode feature will cause the radio to activate the Display Brightness Day control even though the headlights are on.

- ***Display Brightness With Headlights ON***

When in this display, you may select the overall screen brightness with the headlights on. Adjust the brightness with the "+" and "–" setting buttons on the touchscreen or by selecting any point on the scale between the "+" and "–" buttons on the touchscreen. Then press the arrow back button on the touchscreen.

NOTE:
To make changes to the ″Display Brightness with Headlights ON″ setting, the headlights must be on and the interior dimmer switch must not be in the ″party″ or ″parade″ positions.

- ***Display Brightness With Headlights OFF***

When in this display, you may select the overall screen brightness with the headlights off. Adjust the brightness with the "+" and "–" setting buttons on the touchscreen or by selecting any point on the scale between the "+" and "–" buttons on the touchscreen. Then press the arrow back button on the touchscreen.

NOTE:
To make changes to the ″Display Brightness with Headlights OFF″ setting, the headlights must be off and the interior dimmer switch must not be in the ″party″ or ″parade″ positions.

- ***Set Language***

When in this display, you may select one of multiple languages (Brasileiro/Deutsch/English/Español/Français/Italiano/Nederlands/Polski/Português/Türk/Русский) for all display nomenclature, including the trip functions and the navigation system (if equipped). Press the "Set Language" button on the touchscreen, then select the desired language button on the touchscreen. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Units***

When in this display, you may select to have the DID, odometer, and navigation system (if equipped) changed between US and Metric units of measure. Press "US" or "Metric" to make your selection. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Touchscreen Beep***

When in this display, you may turn on or shut off the sound heard when a button on the touchscreen is pressed. Press the "Touchscreen Beep" button on the touchscreen then select from "on" or "off." Press the back arrow button on the touchscreen to return to the previous menu.

Voice
After pressing the "Voice" button on the touchscreen the following settings will be available:

- ***Voice Response Length***

When in this display, you may change the Voice Response Length settings. To change the Voice Response Length, press the "Voice Response Length" button on the touchscreen and select from "Brief" or "Detailed." Press the back arrow button on the touchscreen to return to the previous menu.

- ***Show Command List***

When in this display, you may change the Show Command List settings. To change the Show Command List settings, press the "Show Command List" button on the touchscreen and select from "Always," "With Help" or "Never." Press the back arrow button on the touchscreen to return to the previous menu.

Clock & Date
After pressing the "Clock & Date" button on the touchscreen the following settings will be available:

- ***Set Time***

When in this display, you may set the time and format manually. Press the "Set Time" button then choose from a "12 hour" or "24 hour format." Press the corresponding arrow above and below the current time to adjust, then select "AM" or "PM." Press the back arrow button on the touchscreen to return to the previous menu.

- ***Set Date***

When in this display, you may set the date manually. Press the "Set Date" button then press the corresponding arrows above and below the current date to adjust. Press the back arrow button on the touchscreen to return to the previous menu.

Safety & Driving Assistance
After pressing the "Safety & Driving Assistance" button on the touchscreen the following settings will be available:

- ***Forward Collision Warning (FCW) — If Equipped***

The Front Collision Warning (FCW) feature can be can be set to Far, or set to Near. The default status of FCW is the Far setting. This means the system will warn you of a possible collision with the vehicle in front of you when you are farther away. This gives you the most reaction time. To change the setting for a more dynamic driving experience, select the Near setting. This warns you of a possible collision when you are much closer to the vehicle in front of you. To change

the FCW status, press and release the “Near” or “Far” button. Then press the back arrow button on the touchscreen.

For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

- ***Forward Collision Warning (FCW) Active Braking — If Equipped***

The FCW system includes Advanced Brake Assist (ABA). When this feature is selected, it will apply the brakes to slow your vehicle in case of potential forward collision. The ABA applies additional brake pressure when the driver requests insufficient brake pressure to avoid a potential frontal collision. The ABA system becomes active at 5 mph (8 km/h).

For further information, refer to “Forward Collision Warning (FCW) With Mitigation” in “Understanding The Features Of Your Vehicle”.

- ***LaneSense Warning — If Equipped***

When this feature is selected, it sets the distance at which the steering wheel will provide feedback for potential lane departures. The LDW sensitivity can be set to provide either an “early,” “medium,” or “late” warning zone start point.

For further information, refer to “LaneSense Warning (LDW)” in “Understanding The Features Of Your Vehicle”.

- ***LaneSense Strength — If Equipped***

When this feature is selected, it sets the strength of the steering wheel feedback for potential lane departures. The amount of directional torque the steering system can apply to the steering wheel to correct for vehicle lane departure can be set at “Low,” “Medium” or “High.”

For further information, refer to “Lane Departure Warning (LDW)” in “Understanding The Features Of Your Vehicle”.

- ***ParkSense® — If Equipped***

The Rear Park Assist system will scan for objects behind the vehicle when the transmission shift lever is in REVERSE and the vehicle speed is less than 11 mph (18 km/h). The system can be enabled with Sound Only, or Sound and Display. To change the Park Assist status, press and release the “Sound” or “Sound and Display” button. Then press the back arrow button on the touchscreen.

Refer to “ParkSense® Rear Park Assist” in “Understanding The Features Of Your Vehicle” for system function and operating information.

- ***Front ParkSense® Volume — If Equipped***

Front Park Assist chime volume settings can be selected from the EVIC/DID or Uconnect® System (if equipped). The chime volume settings include “LOW,” “MEDIUM,” and “HIGH.” The factory default volume setting is MEDIUM.

- ***Rear ParkSense® Volume — If Equipped***

Rear Park Assist chime volume settings can be selected from the EVIC/DID or Uconnect® System (if equipped). The chime volume settings include “LOW,” “MEDIUM,” and “HIGH.” The factory default volume setting is MEDIUM.

- ***Rear ParkSense® Braking Assist — If Equipped***

When this feature is selected, the park assist system will detect objects located behind the vehicle and utilize autonomous braking to stop the vehicle.

Refer to “ParkSense® Rear Park Assist” in “Understanding The Features Of Your Vehicle” for system function and operating information.

- ***Tilt Mirrors In Reverse — If Equipped***

When this feature is selected, the exterior sideview mirrors will tilt downward when the ignition is in the RUN position and the transmission shift lever is in the REVERSE position. The mirrors will move back to their previous position when the transmission is shifted out of REVERSE. To make your selection, press the “Tilt Mirrors In Reverse” button on the touchscreen, and select “On” or “Off.” Press the back arrow button on the touchscreen to return to the previous menu.

- ***Blind Spot Alert — If Equipped***

When this feature is selected, the Blind Spot Alert feature can be set to Off, Lights or Lights and Chime. The Blind Spot Alert feature can be activated in Lights mode. When this mode is selected, the Blind Spot Monitor (BSM) system is activated and will only show a visual alert in the outside mirrors. When Lights & Chime mode is activated, the Blind Spot Monitor (BSM) will show a visual alert in the outside mirrors as well as an audible alert when the turn signal is on. When Off is selected, the Blind Spot Monitor (BSM) system is deactivated. To change the Blind Spot Alert status, press the “Off,” “Lights” or “Lights & Chime” button on the touchscreen. Then press the back arrow button on the touchscreen.

NOTE:

If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. A sensor that is misaligned will result in the BSM not operating to specification.

- ***ParkView® Backup Camera Active Guide Lines — If Equipped***

When this feature is enabled, active (dynamic) grid lines are overlaid on the Rear Backup Camera image to illustrate the width of the vehicle and its projected back up path based on the steering wheel position. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.

- ***ParkView® Backup Camera Fixed Guide Lines — If Equipped***

When this feature is enabled, fixed (static) grid lines are overlaid on the Rear Backup Camera image to illustrate the width of the vehicle.

- ***ParkView® Backup Camera Delay***

When this feature is enabled, it will allow the ParkView® Backup Camera display to remain on while in drive for up to 10 seconds, or 8 mph (13 km/h).

- ***Rain Sensing Auto Wipers***

When this feature is selected, the system will automatically activate the windshield wipers if it senses moisture on the windshield. To make your selection, press the “Rain Sensing” button on the touchscreen, and select “On” or “Off.” Press the back arrow button on the touchscreen to return to the previous menu.

- ***Electric Park Brake Service Mode***

This feature provides a means for a technician or vehicle owner to utilize a vehicle integrated, menu driven system, to command the electric park brake retraction, to service the rear foundation brakes (brake pads, calipers, rotors, etc.).

For further information, refer to “Electric Parking Brake (EPD)” in “Starting and Operating.”

Lights

After pressing the “Lights” button on the touchscreen the following settings will be available.

- ***Headlights Off Delay***

When this feature is selected, it allows the adjustment of the amount of time the headlights remain on after the engine is shut off. To change the Headlights Off Delay setting, press the “Headlight Off Delay” button on the touchscreen, and choose either 0 sec, 30 sec, 60 sec or 90 seconds. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Headlight Illumination On Approach***

When this feature is selected, it allows the adjustment of the amount of time the headlights remain on after the doors are unlocked with the Remote Keyless Entry (RKE) transmitter. To change the Illuminated Approach status, press the “Illuminated Approach” button and choose either 0 sec, 30 sec, 60 sec or 90 seconds. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Headlights With Wipers — If Equipped***

When this feature is selected, and the headlight switch is in the AUTO position, the headlights will turn on approximately 10 seconds after the wipers are turned on. The headlights will also turn off when the wipers are turned off if they were turned on by this feature. To make your selection, press the “Lights w/Wipers” button on the touchscreen and make your selection. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Auto High Beams — If Equipped***

When this feature is selected, the high beam headlights will activate/deactivate automatically under certain conditions. To make your selection, press the “Auto High Beams” button on the touchscreen and make your selection. Press the back arrow button on the touchscreen to return to the previous menu. Refer to “Lights/Auto High Beams — If Equipped” in “Understanding The Features Of Your Vehicle” for further information.

- ***Daytime Running Lights — If Equipped***

When this feature is selected, the headlights will turn on whenever the engine is running. To make your selection, press the “Daytime Running Lights” button on the touchscreen and make your selection. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Flash Lights With Lock***

When this feature is selected, the headlights will flash when the doors are locked or unlocked with the Remote Keyless Entry (RKE) transmitter. This feature may be selected with or without

the sound horn on lock feature selected. To make your selection, press the “Flash Lights w/Lock” button on the touchscreen and make your selection. Press the back arrow button on the touchscreen to return to the previous menu.

Doors & Locks

After pressing the “Doors & Locks” button on the touchscreen the following settings will be available.

- ***Auto Door Locks***

When this feature is selected, all doors will lock automatically when the vehicle reaches a speed of 15 mph (24 km/h). To make your selection, press the “Auto Door Locks” button on the touchscreen and select from “On” or “Off.” Press the back arrow button on the touchscreen to return to the previous menu.

- ***Auto Unlock On Exit***

When this feature is selected, all doors will unlock when the vehicle is stopped and the transmission is in the PARK or NEUTRAL position and the driver’s door is opened. To make your selection, press the “Auto Unlock On Exit” button on the touchscreen and select from “On” or “Off.” Press the back arrow button on the touchscreen to return to the previous menu.

- ***Flash Lights w/Lock***

When this feature is selected, the exterior lights will flash when the doors are locked or unlocked with the Remote Keyless Entry (RKE) transmitter or the Passive Entry Feature. To make your selection, press the “Flash Lights w/Lock” button on the touchscreen and select from “On” or “Off.” Press the back arrow button on the touchscreen to return to the previous menu.

- ***Horn w/Lock***

When this feature is selected, the horn will sound when the Key Fob Lock button is pressed. To make your selection, press the “Sound Horn With Lock” button on the touchscreen and select from “Off,” ”1st Press,” or “2nd Press.” Press the back arrow button on the touchscreen to return to the previous menu.

- ***Remote Door Unlock***

When “Remote Door Unlock” is selected, you may choose from “Driver” or “All.” Select “All” to have all doors unlock with the first push of the Key Fob. Select “Driver” to have the only the driver door open with the first push of the key fob.

NOTE:

Passive Entry — If Equipped. If “All” is selected, all doors will unlock no matter which Passive Entry door handle is grasped. If “Driver” is selected, only the driver’s door will unlock when the driver’s door is grasped.

- ***Passive Entry***

This feature allows you to lock and unlock the vehicle’s door(s) without having to press the Remote Keyless Entry (RKE) transmitter lock or unlock buttons. To make your selection, press the “Passive Entry” button on the touchscreen and select from “On” or “Off. Press the back arrow button on the touchscreen to return to the previous menu. Refer to “Keyless Enter-N-Go™” in “Things To Know Before Starting Your Vehicle” for further information.

- ***Memory Linked to Fob — If Equipped***

This feature provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle. To make your selection, press the “Memory Linked to Fob” button on the touchscreen and select from “On” or “Off.” Press the back arrow button on the touchscreen to return to the previous menu.

NOTE:

The seat will return to the memorized seat location if “Memory Linked to Fob” is set to (ON) when the Remote Keyless Entry (RKE) transmitter is used to unlock the door. Refer to “Driver Memory Seat” in “Understanding The Features Of Your Vehicle” for further information.

- ***Power Lift Gate Alert — If Equipped***

This feature plays an alert when the power lift gate is raising or lowering. To make your selection, press the “Power Lift Gate Alert” button on the touchscreen and select from “On” or “Off.” Press the back arrow button on the touchscreen to return to the previous menu.

Auto Comfort Systems — If Equipped

After pressing the “Auto-On Comfort & Remote Start” button on the touchscreen the following settings will be available:

- ***Auto-On Driver Heated/Ventilated Seat & Steering Wheel With Vehicle Start — If Equipped***

When this feature is selected the driver’s heated seat and heated steering wheel will automatically turn ON when temperatures are below 40° F (4.4° C). When temperatures are above 80° F (26.7° C) the driver vented seat will turn ON. To make your selection, press the “Auto Heated Seats” button on the touchscreen, then select either “Off,” “Remote Start” or “All Starts.” Press the back arrow button on the touchscreen to return to the previous menu.

Engine Off Options

After pressing the “Engine Off Options” button on the touchscreen the following settings will be available.

- ***Easy Exit Seats — If Equipped***

When this feature is selected, the Driver’s seat will automatically move rearward once the engine is shut off. To make your selection, press the “Easy Exit Seats” button on the touchscreen and make your selection. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Engine Off Power Delay***

When this feature is selected, the power window switches, radio, Uconnect® phone system (if equipped), DVD video system (if equipped), power sunroof (if equipped), and power outlets will remain active for up to 10 minutes after the ignition is cycled to OFF. Opening either front door will cancel this feature. To change the Engine Off Power Delay status press the “0 seconds,” “45 seconds,” “5 minutes” or “10 minutes” button on the touchscreen. Then press the arrow back button on the touchscreen.

- ***Headlight Off Delay***

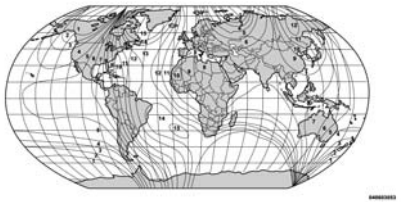
When this feature is selected, the driver can choose to have the headlights remain on for 0, 30, 60, or 90 seconds when exiting the vehicle. To change the Headlight Off Delay status press the “+” or “–” button on the touchscreen to select your desired time interval. Press the back arrow button on the touchscreen to return to the previous menu.

Compass Setting — If Equipped
After pressing the “Compass Settings” button on the touchscreen the following settings will be available.

- ***Variance***

Compass Variance is the difference between Magnetic North and Geographic North. To compensate for the differences the variance should be set for the zone where the vehicle is driven, per the zone map. Once properly set, the compass will automatically compensate for the differences, and provide the most accurate compass heading.

NOTE:
Keep magnetic materials away from the top of the instrument panel, such as iPod’s, Mobile Phones, Laptop Computers and Radar Detectors. This is where the compass module is located, and it can cause interference with the compass sensor, and it may give false readings.



Compass Variance Map

- ***Perform Compass Calibration***

Press the “Calibration” button on the touchscreen to change this setting. This compass is self-calibrating, which eliminates the need to manually reset the compass. When the vehicle is new, the compass may appear erratic and may need to be calibrated. You may calibrate the compass by selecting the “Calibration” button on the touchscreen, a pop menu will appear asking you to finish calibrating process by completing one or more 360-degree turns (in an area free from large metal or metallic objects). Once the calibrating process is successfully finished, a message on the screen will show it was done successfully. The compass will now function normally.

Audio
After pressing the “Audio” button on the touchscreen the following settings will be available:

- ***Equalizer***

When in this display you may adjust the Bass, Mid and Treble settings. Adjust the settings with the “+” and “–” buttons on the touchscreen or by selecting any point on the scale between the “+” and “–” buttons on the touchscreen. Press the back arrow/Done button on the touchscreen to return to the previous menu.

- ***Balance/Fade***

This feature allows you to adjust the Balance and Fade settings. Press and drag the speaker icon or use the arrows to adjust, tap the “C” icon to readjust to the center. Press the back arrow/Done button on the touchscreen to return to the previous menu.

- ***Speed Adjusted Volume***

This feature increases or decreases volume relative to vehicle speed. To change the Speed Adjusted Volume press the “Speed Adjusted Volume” button on the touchscreen and select

from “Off,” “1,” “2” or “3” buttons on the touchscreen. Press the back arrow/Done button on the touchscreen to return to the previous menu.

- ***Surround Sound — If Equipped***

This feature provides simulated surround sound mode. To make your selection, press the “Surround Sound” button on the touchscreen, select “On” or “Off.” Press the back arrow/Done button on the touchscreen to return to the previous menu.

- ***AUX Volume Offset — If Equipped***

This feature provides the ability to tune the audio level for portable devices connected through the AUX input. To make your selection, press the “AUX Volume Offset” button on the touchscreen, select “On” or “Off.” Press the back arrow/Done button on the touchscreen to return to the previous menu.

- ***Loudness — If Equipped***

This feature improves sound quality at lower volumes. To make your selection, press the “Loudness” button on the touchscreen, select “On” or “Off.” Press the back arrow/Done button on the touchscreen to return to the previous menu.

Phone/Bluetooth®
After pressing the “Phone/Bluetooth®” button on the touchscreen the following settings will be available:

- ***Paired Phones***

This feature shows which phones are paired to the Phone/Bluetooth® system. For further information, refer to the Uconnect® Supplement Manual.

- ***Paired Audio Sources***

This feature shows which audio devices are paired to the Phone/Bluetooth® system. For further information, refer to the Uconnect® Supplement Manual.

Restore Settings
After pressing the “Restore Settings” button on the touchscreen the following settings will be available:

- ***Restore Settings***

When this feature is selected it will reset the Display, Clock, Audio, and Radio Settings to their default settings. To restore the settings to their default setting, press the Restore Settings button. A pop-up will appear asking "Are you sure you want to reset your settings to default?" select “Yes” to restore, or “Cancel” to exit. Once the settings are restored, a pop up appears stating "settings reset to default." Press the back arrow button on the touchscreen to exit.

Clear Personal Data
After pressing the “Clear Personal Data Settings” button on the touchscreen the following settings will be available:

- ***Clear Personal Data***

When this feature is selected it will remove personal data including Bluetooth® devices and presets. To remove personal information, press the “Clear Personal Data” button and a pop-up will appear asking "Are you sure you want to clear all personal data?" select “Yes” to Clear, or “Cancel” to exit. Once the data has been cleared, a pop up appears stating "Personal data cleared”. Press the back arrow button on the touchscreen to return to the previous menu.

Customer Programmable Features — Uconnect® 8.4 Personal Settings

Press the “Settings” or the “Controls” button on the touchscreen, then press the “Settings” button on the touchscreen to display the menu setting screen. In this mode the Uconnect® system allows you to access programmable features that may be equipped such as Display, Voice, Clock, Safety & Driving Assistance, Lights, Doors & Locks, Auto-On Comfort, Engine Off Options, Audio, Phone/Bluetooth®, Restore Settings, Clear Personal Data, and System Information.

NOTE:

Only one category may be selected at a time.

To adjust the setting of a programmable feature, press the desired setting option. Once in the desired setting option, press and release the preferred setting until a check-mark appears next to the setting, showing that the setting has been selected.

Once the setting is complete, press the Back Arrow button on the touchscreen to return to the previous menu or press the X button on the touchscreen to close out of the settings screen.

Pressing the Up or Down Arrow button on the right side of the screen will allow you to toggle up or down through the list of available settings.

Display

After pressing the “Display” button on the touchscreen the following settings will be available.

- ***Display Mode***

When in this display you may select one of the auto display settings. To change Mode status, select from “Day,” “Night” or “Auto” until a check-mark appears next to the setting, showing that setting has been selected. Then press the arrow back button on the touchscreen.

NOTE:

When Day or Night is selected for the Display Mode, the usage of the Parade Mode feature will cause the radio to activate the Display Brightness Day control even though the headlights are on.

- ***Display Brightness With Headlights ON***

When in this display, you may select the brightness with the headlights on. Adjust the brightness with the “+” and “–” setting buttons on the touchscreen or by selecting any point on the scale between the “+” and “–” buttons on the touchscreen. Then press the arrow back button on the touchscreen.

NOTE:

To make changes to the ″Display Brightness with Headlights ON″ setting, the headlights must be on and the interior dimmer switch must not be in the ″party″ or ″parade″ positions.

- ***Display Brightness With Headlights OFF***

When in this display, you may select the brightness with the headlights off. Adjust the brightness with the “+” and “–”setting buttons on the touchscreen or by selecting any point on the scale between the “+” and “–” buttons on the touchscreen. Then press the arrow back button on the touchscreen.

NOTE:

To make changes to the ″Display Brightness with Headlights OFF″ setting, the headlights must be off and the interior dimmer switch must not be in the ″party″ or ″parade″ positions.

- ***Set Theme***

This feature will allow you to choose a background theme for the display screen. The theme will change the background color, highlight color, and button color of the display screen.

- ***Set Language***

When in this display, you may select one of multiple languages (Brasileiro/Deutsch/English/Español/Français/Italiano/Nederlands/Polski/Português/Türk/Русский) for all display nomenclature, including the trip functions and the navigation system (if equipped). Press the "Set Language" button on the touchscreen, then select the desired language button on the touchscreen. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Units***

When in this display, you may select to have the DID, odometer, and navigation system (if equipped) changed between US and Metric units of measure. Press "US" or "Metric" until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Touchscreen Beep***

When in this display, you may turn on or shut off the sound heard when button on the touchscreen is pressed. Press the "Touchscreen Beep" button on the touchscreen until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Controls Screen Time-Out***

When in this display, you may turn on or shut off the ability for the controls screen to time out. Press the "Controls Screen Time-Out" button on the touchscreen until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Navigation Turn-By-Turn Displayed In Cluster — If Equipped***

When this feature is selected, To make your selection, press the "Navigation Turn-By-Turn Displayed In Cluster" button on the touchscreen, until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

Voice

After pressing the "Voice" button on the touchscreen the following settings will be available:

- ***Voice Response Length***

When in this display, you may change the Voice Response Length settings. To change the Voice Response Length, press the "Brief" or "Detailed" button on the touchscreen until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Show Command List***

When in this display, you may choose to Always, With Help, or Never display the Teleprompter with possible options while in a voice session. To change the Show Command List settings, press the "Always," "With Help," or "Never" button on the touchscreen until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

Clock
After pressing the “Clock” button on the touchscreen the following settings will be available:

- ***Sync Time With GPS***

This feature will allow the radio to sync time with a GPS signal. To change the Sync Time setting, press the “Sync time with GPS” button on the touchscreen until a check-mark appears next to the setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Set Time Hours***

This feature will allow you to adjust the hours. The “Sync time with GPS” button on the touchscreen must be unchecked. To make your selection, press the “+” or “–” buttons on the touchscreen to adjust the hours up or down. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Set Time Minutes***

This feature will allow you to adjust the minutes. The “Sync time with GPS” button on the touchscreen must be unchecked. To make your selection, press the “+” or “–” buttons on the touchscreen to adjust the minutes up or down. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Time Format***

This feature will allow you to select the time format display setting. Press the “Time Format” button on the touchscreen until a check-mark appears next to the “12hrs” or “24hrs” setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Show Time In Status Bar — If Equipped***

This feature will allow you to turn on or shut off the digital clock in the status bar. To change the Show Time Status setting press the “Show Time in Status Bar” button on the touchscreen until a check-mark appears next to setting, indicating that the setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

Safety & Driving Assistance
After pressing the “Safety & Driving Assistance” button on the touchscreen the following settings will be available:

- ***Forward Collision Warning (FCW) — If Equipped***

The Front Collision Warning (FCW) feature can be can be set to Far, or set to Near. The default status of FCW is the Far setting. This means the system will warn you of a possible collision with the vehicle in front of you when you are farther away. This gives you the most reaction time. To change the setting for a more dynamic driving experience, select the Near setting. This warns you of a possible collision when you are much closer to the vehicle in front of you. To change the FCW status, press and release the “Near” or “Far” button. Then press the back arrow button on the touchscreen.

For further information, refer to “Adaptive Cruise Control (ACC)” in “Understanding The Features Of Your Vehicle”.

- ***Forward Collision Warning (FCW) Active Braking — If Equipped***

The FCW system includes Advanced Brake Assist (ABA). When this feature is selected, it will apply the brakes to slow your vehicle in case of potential forward collision. The ABA applies additional brake pressure when the driver requests insufficient brake pressure to avoid a potential frontal collision. The ABA system becomes active at 5 mph (8 km/h).

For further information, refer to "Forward Collision Warning (FCW) With Mitigation" in "Understanding The Features Of Your Vehicle".

- ***LaneSense Warning — If Equipped***

When this feature is selected, it sets the distance at which the steering wheel will provide feedback for potential lane departures. The LDW sensitivity can be set to provide either an "early," "medium," or "late" warning zone start point.

For further information, refer to "LaneSense Warning (LDW)" in "Understanding The Features Of Your Vehicle".

- ***LaneSense Strength — If Equipped***

When this feature is selected, it sets the strength of the steering wheel feedback for potential lane departures. The amount of directional torque the steering system can apply to the steering wheel to correct for vehicle lane departure can be set at "Low," "Medium" or "High."

For further information, refer to "Lane Departure Warning (LDW)" in "Understanding The Features Of Your Vehicle".

- ***ParkSense® — If Equipped***

The Rear Park Assist system will scan for objects behind the vehicle when the transmission shift lever is in REVERSE and the vehicle speed is less than 11 mph (18 km/h). The system can be enabled with Sound Only, or Sound and Display. To change the Park Assist status, press and release the "Sound" or "Sound and Display" button. Then press the back arrow button on the touchscreen.

Refer to "ParkSense® Rear Park Assist" in "Understanding The Features Of Your Vehicle" for system function and operating information.

- ***Front ParkSense® Volume — If Equipped***

Front Park Assist chime volume settings can be selected from the EVIC/DID or Uconnect® System (if equipped). The chime volume settings include "LOW," "MEDIUM," and "HIGH." The factory default volume setting is MEDIUM.

- ***Rear ParkSense® Volume — If Equipped***

Rear Park Assist chime volume settings can be selected from the EVIC/DID or Uconnect® System (if equipped). The chime volume settings include "LOW," "MEDIUM," and "HIGH." The factory default volume setting is MEDIUM.

- ***Rear ParkSense® Braking Assist — If Equipped***

When this feature is selected, the park assist system will detect objects located behind the vehicle and utilize autonomous braking to stop the vehicle.

Refer to "ParkSense® Rear Park Assist" in "Understanding The Features Of Your Vehicle" for system function and operating information.

- ***Tilt Mirrors In Reverse — If Equipped***

When this feature is selected, the exterior sideview mirrors will tilt downward when the ignition is in the RUN position and the transmission shift lever is in the REVERSE position. The mirrors will move back to their previous position when the transmission is shifted out of REVERSE. To make your selection, press the "Tilt Mirrors In Reverse" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Blind Spot Alert — If Equipped***

When this feature is selected, the Blind Spot Alert feature can be set to Off, Lights or Lights and Chime. The Blind Spot Alert feature can be activated in Lights mode. When this mode is selected, the Blind Spot Monitor (BSM) system is activated and will only show a visual alert in the outside mirrors. When Lights & Chime mode is activated, the Blind Spot Monitor (BSM) will show a visual alert in the outside mirrors as well as an audible alert when the turn signal is on. When Off is selected, the Blind Spot Monitor (BSM) system is deactivated. To change the Blind Spot Alert status, press the "Off," "Lights" or "Lights & Chime" button on the touchscreen. Then press the back arrow button on the touchscreen.

NOTE:

If your vehicle has experienced any damage in the area where the sensor is located, even if the fascia is not damaged, the sensor may have become misaligned. Take your vehicle to an authorized dealer to verify sensor alignment. A sensor that is misaligned will result in the BSM not operating to specification.

- ***ParkView® Backup Camera Active Guide Lines — If Equipped***

When this feature is enabled, active (dynamic) grid lines are overlaid on the Rear Backup Camera image to illustrate the width of the vehicle and its projected back up path based on the steering wheel position. A dashed center line overlay indicates the center of the vehicle to assist with parking or aligning to a hitch/receiver.

- ***ParkView® Backup Camera Fixed Guide Lines — If Equipped***

When this feature is enabled, fixed (static) grid lines are overlaid on the Rear Backup Camera image to illustrate the width of the vehicle.

- ***ParkView® Backup Camera Delay***

When this feature is enabled, it will allow the ParkView® Backup Camera display to remain on while in drive for up to 10 seconds, or 8 mph (13 km/h).

- ***Rain Sensing Auto Wipers***

When this feature is selected, the system will automatically activate the windshield wipers if it senses moisture on the windshield. To make your selection, press the "Rain Sensing" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Electric Park Brake Service Mode***

This feature provides a means for a technician or vehicle owner to utilize a vehicle integrated, menu driven system, to command the electric park

brake retraction, to service the rear foundation brakes (brake pads, calipers, rotors, etc.).

For further information, refer to “Electric Parking Brake (EPD)” in “Starting and Operating.”

Lights
After pressing the Lights button on the touchscreen the following settings will be available.

- ***Headlight Off Delay***

When this feature is selected, it allows adjustment of the amount of time the headlights remain on after the engine is shut off. To change the Headlights Off Delay setting, press the “+” or “-” button on the touchscreen to select your desired time interval, and choose either 0 sec, 30 sec, 60 sec or 90 seconds. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

- ***Headlight Illumination On Approach***

When this feature is selected, the headlights will activate and remain on for 0, 30, 60, or 90 seconds when the doors are unlocked with the Remote Keyless Entry (RKE) transmitter. To change the Illuminated Approach status, press the “+” or “–” button on the touchscreen to select your desired time interval. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

- ***Headlights With Wipers — If Equipped***

When this feature is selected, and the headlight switch is in the AUTO position, the headlights will turn on approximately 10 seconds after the wipers are turned on. The headlights will also turn off when the wipers are turned off if they were turned on by this feature. To make your selection, press the Headlights With Wipers button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

- ***Auto Dim High Beams — If Equipped***

When this feature is selected, the high beam headlights will deactivate automatically under certain conditions. To make your selection, press the “Auto High Beams” button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate. Refer to “Lights/Automatic High Beam — If Equipped” in “Understanding The Features Of Your Vehicle” for further information.

- ***Daytime Running Lights — If Equipped***

When this feature is selected, the headlights will turn on whenever the vehicle is set in motion. To make your selection, press the “Daytime Running Lights” button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

- ***Flash Lights With Lock***

When this feature is selected, the exterior lights will flash when the doors are locked or unlocked with the Remote Keyless Entry (RKE) transmitter. This feature may be selected with or without the sound horn on lock feature selected. To make your selection, press the “Flash Lights

with Lock" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

Doors & Locks
After pressing the Doors & Locks button on the touchscreen the following settings will be available.

- ***Auto Door Locks***

When this feature is selected, all doors will lock automatically when the vehicle reaches a speed of 15 mph (24 km/h). To make your selection, press the "Auto Door Locks" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

- ***Auto Unlock On Exit***

When this feature is selected, all doors will unlock when the vehicle is stopped, the transmission is in the PARK or NEUTRAL position and the driver's door is opened. To make your selection, press the "Auto Unlock on Exit" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

- ***Flash Lights With Lock***

When this feature is selected, the exterior lights will flash when the doors are locked or unlocked with the Remote Keyless Entry (RKE) transmitter, or when using the passive entry feature. This feature may be selected with or without the sound horn on lock feature selected. To make your selection, press the "Flash Lights with Lock" button on the touchscreen, until a check-mark appears next to setting, indicating that the setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Sound Horn With Lock***

When this feature is selected, the horn will sound when the door locks are activated. To make your selection, press either the "Off," "1st Press," or "2nd Press" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***1st Press Of Key Fob Unlocks***

When "Driver Door" is selected with 1st Press Of Key Fob Unlocks, only the driver's door will unlock with the first press of the Remote Keyless Entry (RKE) transmitter UNLOCK button. You must press the RKE transmitter UNLOCK button twice to unlock the passenger's doors. When "All Doors" is selected for 1st Press Of Key Fob Unlocks, all doors will unlock on the first press of the RKE transmitter UNLOCK button.

NOTE:
If the vehicle is programmed 1st Press Of Key Fob Unlocks "All Doors," all doors will unlock no matter which Passive Entry equipped door handle is grasped. If 1st Press Of Key Fob Unlocks "Driver Door" is programmed, only the driver's door will unlock when the driver's door is grasped. With Passive Entry, if 1st Press Of Key Fob Unlocks "Driver Door" is programmed, touching the handle more than once will only result in the driver's door opening. If "Driver Door" is selected, once the driver door is opened, the interior door lock/unlock switch can be used to unlock all doors (or use RKE transmitter).

- ***Passive Entry***

This feature allows you to lock and unlock the vehicles door(s) without having to press the Remote Keyless Entry (RKE) transmitter lock or unlock buttons. To make your selection, press the "Passive Entry" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate. Refer to "Keyless Enter-N-Go™" in "Things To Know Before Starting Your Vehicle".

- ***Personal Settings Linked to Key Fob — If Equipped***

This feature provides automatic recall of all settings stored to a memory location (driver's seat, exterior mirrors, steering column position and radio station pre-sets) to enhance driver mobility when entering and exiting the vehicle. To make your selection, press the "Personal Settings Linked to Key Fob" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

NOTE:
The seat will return to the memorized seat location (if Recall Memory with Remote Key Unlock is set to ON) when the Remote Keyless Entry (RKE) transmitter is used to unlock the door. Refer to "Driver Memory Seat" in "Understanding The Features Of Your Vehicle" for further information.

- ***Power Lift Gate Chime — If Equipped***

This feature plays an alert when the power lift gate is raising or lowering. To make your selection, press the "Power Lift Gate Chime" button on the touchscreen, until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu, or push the back button on the faceplate.

Auto-On Comfort — If Equipped
After pressing the “Auto-On Comfort” button on the touchscreen the following settings will be available:

- ***Auto-On Driver Heated/Ventilated Seat & Steering Wheel With Vehicle Start — If Equipped***

When this feature is selected the driver’s heated seat will automatically turn on when temperatures are below 40° F (4.4° C). When temperatures are above 80° F (26.7° C) the driver vented seat will turn on. To make your selection, press the “Auto-On Driver Heated/ Ventilated Seat & Steering Wheel With Vehicle Start” button on the touchscreen, then select either “Off,” “Remote Start” or “All Starts” until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow/Done button on the touchscreen to return to the previous menu.

Engine Off Options
After pressing the Engine Off Options button on the touchscreen the following settings will be available.

- ***Easy Exit Seat — If Equipped***

This feature provides automatic driver seat positioning to enhance driver mobility when entering and exiting the vehicle. To make your selection, press the “Easy Exit Seat” button on the touchscreen until a check-mark appears next to setting, showing that setting has been selected. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Engine Off Power Delay***

When this feature is selected, the power window switches, radio, Uconnect® phone system (if equipped), DVD video system (if equipped), power sunroof (if equipped), and power outlets will remain active for up to 10 minutes after the ignition is cycled to OFF. Opening either front door will cancel this feature. To change the Engine Off Power Delay status press the “+” or “-” button to choose from “0 seconds,” “45 seconds,” “5 minutes,” or “10 minutes.” Press the back arrow button on the touchscreen to return to the previous menu.

- ***Headlight Off Delay***

When this feature is selected, the driver can choose to have the headlights remain on for 0, 30, 60, or 90 seconds when exiting the vehicle. To change the Headlight Off Delay status press the “+” or “-” button on the touchscreen to select your desired time interval. Press the back arrow button on the touchscreen to return to the previous menu.

Audio
After pressing the “Audio” button on the touchscreen the following settings will be available.

- ***Balance/Fade***

This feature allows you to adjust the Balance and Fade settings. Press and drag the speaker icon, use the arrows to adjust, or tap the ‘C’ icon to readjust to the center. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Equalizer***

This feature allows you to adjust the Bass, Mid and Treble settings. Adjust the settings with the “+” and “–” setting buttons on the touchscreen

or by selecting any point on the scale between the “+” and “–” buttons on the touchscreen. Press the back arrow button on the touchscreen to return to the previous menu.

NOTE:

Bass/Mid/Treble allow you to simply slide your finger up or down to change the setting as well as press directly on the desired setting.

- ***Speed Adjusted Volume***

This feature increases or decreases volume relative to vehicle speed. To change the Speed Adjusted Volume press the “Off,” “1,” “2” or “3” button on the touchscreen. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Surround Sound — If Equipped***

This feature provides simulated surround sound mode. To make your selection, press the “Surround Sound” button on the touchscreen, select “On” or “Off.” Press the back arrow button on the touchscreen to return to the previous menu.

- ***AUX Volume Offset — If Equipped***

This feature provides the ability to tune the audio level for portable devices connected through the AUX input. To make your selection, press the AUX Volume Match button on the touchscreen, choose a level from –3 to +3. Press the back arrow button on the touchscreen to return to the previous menu.

- ***Loudness — If Equipped***

Loudness improves sound quality at lower volumes. To make your selection, press the “Loudness” button on the touchscreen, then choose “Yes” or “No.” Press the back arrow button on the touchscreen to return to the previous menu.

Phone/Bluetooth®

After pressing the “Phone/Bluetooth®” button on the touchscreen the following settings will be available:

- ***Paired Phones***

This feature shows which phones are paired to the Phone/Bluetooth® system. For further information, refer to the Uconnect® Supplement Manual.

- ***Paired Audio Sources***

This feature shows which audio devices are paired to the Phone/Bluetooth® system. For further information, refer to the Uconnect® Supplement Manual.

Restore Settings

After pressing the “Restore Settings” button on the touchscreen the following settings will be available:

- ***Restore Settings***

When this feature is selected it will reset the Display, Clock, Audio, and Radio Settings to their default settings. To restore the settings to their default setting, press the “Restore Settings” button on the touchscreen and pop-up will appear asking "Are you sure you want to reset your settings to default?" select “OK” to restore, or “Cancel” to exit. Once the settings are restored, a pop-up appears stating "settings reset to default."

Clear Personal Data
After pressing the “Clear Personal Data Settings” button on the touchscreen the following settings will be available:

- ***Clear Personal Data***

When this feature is selected it will remove personal data including Bluetooth® devices and presets. To remove personal information, press the “Clear Personal Data” button and a pop-up will appear asking "Are you sure you want to clear all personal data?” select “OK” to Clear, or “Cancel” to exit. Once the data has been cleared, a pop up appears stating "Personal data cleared.”

System Information
After pressing the “System Information” button on the touchscreen the following settings will be available:

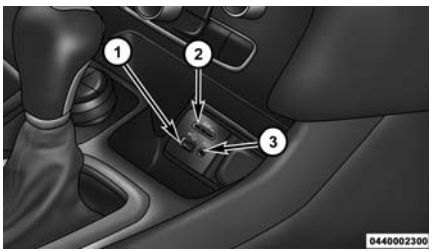
- ***System Information***

When System Information is selected, a System Information screen will appear displaying the system software version.

Uconnect® RADIOS — IF EQUIPPED

For detailed information about your Uconnect® radio, refer to your Uconnect® Supplement Manual.

iPod®/USB/MP3 CONTROL — IF EQUIPPED



USB Port, AUX Port, And SD Card Slot
1 — USB Port
2 — SD Card Slot
3 — AUX Port

Located in the front storage area, this feature allows an iPod® or external USB device to be plugged into the USB port.

iPod® control supports Mini, 4G, Photo, Nano, 5G iPod® and iPhone® devices. Some iPod® software versions may not fully support the iPod® control features. Please visit Apple’s website for software updates.

For further information, refer to the Uconnect® User’s Manual.

STEERING WHEEL AUDIO CONTROLS — IF EQUIPPED

The remote sound system controls are located on the rear surface of the steering wheel. Reach behind the wheel to access the switches.

Remote Sound System Controls (Back View Of Steering Wheel)

The right-hand control is a rocker-type switch with a pushbutton in the center and controls the volume and mode of the sound system. Pushing the top of the rocker switch will increase the volume, and pushing the bottom of the rocker switch will decrease the volume.

Pushing the center button will make the radio switch between the various modes available (AM/FM/CD/AUX, etc.).

The left-hand control is a rocker-type switch with a pushbutton in the center. The function of the left-hand control is different depending on which mode you are in.

The following describes the left-hand control operation in each mode.

Radio Operation

Pushing the top of the switch will “Seek” up for the next listenable station and pushing the bottom of the switch will “Seek” down for the next listenable station.

The button located in the center of the left-hand control will tune to the next preset station that you have programmed in the radio preset button.

CD Player

Pushing the top of the switch once will go to the next track on the CD. Pushing the bottom of the switch once will go to the beginning of the current track, or to the beginning of the previous track if it is within eight seconds after the current track begins to play.

If you push the switch up or down twice, it plays the second track; three times, it will play the third, etc.

The center button on the left side rocker switch has no function for a single-disc CD player. However, when a multiple-disc CD player is equipped on the vehicle, the center button will select the next available CD in the player.

CD/DVD DISC MAINTENANCE

To keep a CD/DVD in good condition, take the following precautions:

1. Handle the disc by its edge; avoid touching the surface.
2. If the disc is stained, clean the surface with a soft cloth, wiping from center to edge.
3. Do not apply paper or tape to the disc; avoid scratching the disc.
4. Do not use solvents such as benzene, thinner, cleaners, or anti-static sprays.

5. Store the disc in its case after playing.
6. Do not expose the disc to direct sunlight.
7. Do not store the disc where temperatures may become too high.

NOTE:

If you experience difficulty in playing a particular disc, it may be damaged (e.g., scratched, reflective coating removed, a hair, moisture or dew on the disc) oversized, or have protection encoding. Try a known good disc before considering disc player service.

RADIO OPERATION AND MOBILE PHONES

Under certain conditions, the mobile phone being on in your vehicle can cause erratic or noisy performance from your radio. This condition may be lessened or eliminated by relocating the mobile phone antenna. This condition is not harmful to the radio. If your radio performance does not satisfactorily "clear" by the repositioning of the antenna, it is recommended that the radio volume be turned down or off during mobile phone operation when not using Uconnect® (if equipped).

General Information

This device complies with Part 15 of the FCC rules and RSS 210 of Industry Canada. Operation is subject to the following conditions:

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

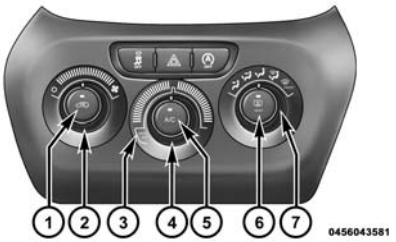
CLIMATE CONTROLS

The air conditioning and heating system is designed to make you comfortable in all types of weather. This system can be operated through either the controls on the instrument panel or through the Uconnect® system display.

When the Uconnect® system is in different modes (Radio, Player, Settings, More, etc.) the driver and passenger temperature settings will be indicated at the top of the display.

Manual Climate Controls Without Touchscreen — If Equipped

The controls for the manual heating and air conditioning system in this vehicle consist of a series of outer rotary dials and inner push knobs. These comfort controls can be set to obtain desired interior conditions.



Manual Climate Controls

1 — RECIRCULATION Control
2 — Front Blower Control
3 — MAX Air Conditioning (A/C)
4 — Temperature Control
5 — Air Conditioning (A/C)
6 — REAR DEFROST Mode
7 — MODE Control

Front Blower Control

There are seven blower speeds. Use this control to regulate the amount of air forced through the system in any mode you select. The blower speed increases as you move the control clockwise from the OFF position.

Temperature Control

Use this control to regulate the temperature of the air inside the passenger compartment. Rotating the knob counterclockwise, from top center into the blue area of the scale, indicates cooler temperatures. Rotating the knob clockwise, into the red area, indicates warmer temperatures.

Air Conditioning Operation

Push the A/C button to engage the Air Conditioning (A/C). A LED will illuminate when the A/C system is engaged.

MAX A/C

For maximum cooling, when MAX A/C is selected the A/C is turned on automatically and the air is recirculated.

NOTE:

A/C cannot be deselected when in MAX A/C position. The LED will blink three times if the A/C button is pushed. If your air conditioning performance seems lower than expected, check the front of the A/C condenser (located in front of the radiator), for an accumulation of dirt or insects. Clean with a gentle water spray from behind the radiator and through the condenser. Fabric front fascia protectors may reduce airflow to the condenser, reducing air conditioning performance.

Mode Control (Air Direction)

Mode control allows you to choose from several patterns of air distribution. You can select either a primary mode, as identified by the symbols, or a blend of two of these modes. The closer the control is to a particular mode, the more air distribution you receive from that mode.

Panel Mode

Air is directed through the outlets in the instrument panel. These outlets can be adjusted to direct airflow.

Bi-Level Mode

Air is directed through the panel and floor outlets.

NOTE:

There is a difference in temperature (in any conditions other than full cold or full hot), between the upper and lower outlets for added comfort. The warmer air goes to the floor outlets. This feature gives improved comfort during sunny but cool conditions.

Floor Mode

Air is directed through the floor outlets with a small amount through the defrost and side window demist outlets.

Mix Mode

Air is directed through the floor, defrost and side window demist outlets. This setting works best in cold or snowy conditions that require extra heat at the windshield. This setting is good for maintaining comfort, while reducing moisture on the windshield.

Defrost Mode

Air is directed through the windshield and side window demist outlets. Use the DEFROST mode with maximum blower and warm temperature settings for best windshield and side window defrosting.

NOTE:

The air conditioning compressor operates in MIX and DEFROST, or a blend of these modes even if the A/C button is not pushed. This dehumidifies the air to help dry the windshield. To improve fuel economy, use these modes only when necessary.

Recirculation Control

Push this button to choose between outside air intake or recirculation of the air inside the vehicle. A LED will illuminate when you are in Recirculation mode. Only use the Recirculation mode to temporarily block out any outside odors, smoke, or dust, and to cool the interior rapidly upon initial start-up in very hot or humid weather.

NOTE:

- **If the RECIRCULATION button is pushed when the system is in Defrost mode the Recirculation LED indicator will flash three times and then turn off to indicate Recirculation mode is not allowed.**
- **Continuous use of the Recirculation mode may make the inside air stuffy and window fogging may occur. Extended use of this mode is not recommended.**
- **In cold or damp weather, the use of the Recirculation mode will cause windows to fog on the inside because of moisture buildup inside the vehicle. For maximum defogging, select the outside air position.**
- **The A/C can be deselected manually without disturbing the mode control selection by pushing the A/C button.**

Air Outlets

The airflow from each of the instrument panel outlets can be adjusted for direction, and turned on or off to control airflow.

NOTE:

For maximum airflow to the rear, the center instrument panel outlets can be directed toward the rear seat passengers.

Economy Mode

If ECONOMY mode is desired, push the A/C button to turn off the LED indicator and the A/C compressor. Rotate the temperature control knob to the desired temperature. Also, make sure to select only Panel, Bi-Level or Floor modes.

Stop/Start System — If Equipped

While in an Autostop, the Climate Controls system may automatically adjust airflow to maintain cabin comfort. Customer settings will be maintained upon return to an engine running condition.

Manual Climate Controls With Touchscreen — If Equipped

Buttons On Your Uconnect® Faceplate

The buttons on the faceplate are located below the Uconnect® screen.

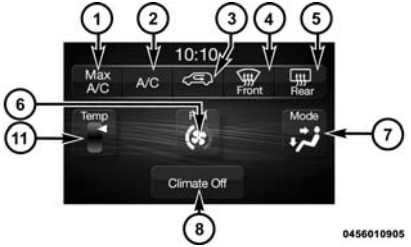
Uconnect® Manual Climate Controls — Buttons On The Faceplate

CAUTION!

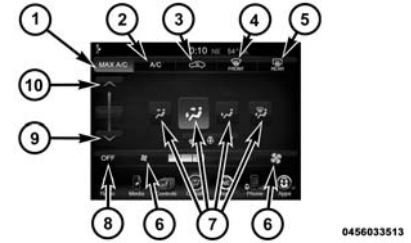
Do not attach any object to touchscreen, doing so can result in damage to the touchscreen.

Buttons On Your Uconnect® Touchscreen

The buttons on the touchscreen are accessible on the Uconnect® system screen.



Uconnect® 5.0 Manual Temperature Controls — Buttons On The Touchscreen



Uconnect® 8.4 Manual Temperature Controls — Buttons On The Touchscreen

Button Descriptions (Applies To Both The Buttons On Your Faceplate And The Buttons On Your Touchscreen)

1. MAX A/C Button

Push and release to change the current setting, the indicator illuminates when MAX A/C is ON. Performing this function again will cause the MAX A/C operation to switch into manual mode and the MAX A/C indicator will turn off.

2. A/C Button

Push and release to change the current setting, the indicator illuminates when A/C is ON. Performing this function again will cause the A/C operation to switch into manual mode and the A/C indicator will turn off.

3. Recirculation Button

Push and release to change the current setting, the indicator illuminates when ON.

4. Front Defrost Button

Push and release to change the current airflow setting to Defrost mode. The indicator illuminates when this feature is ON. Air comes from the windshield and side window demist outlets. When the defrost button is selected, the blower level will increase. Use Defrost mode with maximum temperature settings for best windshield and side window defrosting and defogging.

5. Rear Defrost Button

Push and release this button to turn on the rear window defroster and the heated outside mirrors (if equipped). An indicator will illuminate when the rear window defroster is on. The rear window defroster automatically turns off after 10 minutes. For each additional push of this button, five additional minutes will be added to the timer function.

CAUTION!

Failure to follow these cautions can cause damage to the heating elements:

- Use care when washing the inside of the rear window. Do not use abrasive window cleaners on the interior surface of the window. Use a soft cloth and a mild washing solution, wiping parallel to the heating elements. Labels can be peeled off after soaking with warm water.
- Do not use scrapers, sharp instruments, or abrasive window cleaners on the interior surface of the window.
- Keep all objects a safe distance from the window.

6. Blower Control

Blower control is used to regulate the amount of air forced through the climate system. There are seven blower speeds available. Adjusting the blower will cause automatic mode to switch to manual operation. The speeds can be selected using either the blower control knob on the faceplate or buttons on the touchscreen as follows:

Blower Control Knob On The Faceplate

The blower speed increases as you turn the blower control knob clockwise from the lowest blower setting. The blower speed decreases as you turn the blower control knob counterclockwise.

Buttons On The Touchscreen

Use the small blower icon to reduce the blower setting and the large blower icon to increase the blower setting. Blower can also be selected by pressing the blower bar area between the icons.

7. Modes

The airflow distribution mode can be adjusted so air comes from the instrument panel outlets, floor outlets, and demist outlets. The Mode settings are as follows:

- **Panel Mode**

Air comes from the outlets in the instrument panel. Each of these outlets can be individually adjusted to direct the flow of air. The air vanes of the center outlets and outboard outlets can be moved up and down or side to side to regulate airflow direction. There is a shut off wheel located below the air vanes to shut off or adjust the amount of airflow from these outlets.

- **Bi-Level Mode**

Air comes from the instrument panel outlets and floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.

NOTE:

BI-LEVEL mode is designed under comfort conditions to provide cooler air out of the panel outlets and warmer air from the floor outlets.

- **Floor Mode**

Air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.

- **Mix Mode**

Air comes from the floor, defrost and side window demist outlets. This mode works best in cold or snowy conditions.

NOTE:

The air conditioning compressor operates in MIX and DEFROST modes even if the A/C button is not pushed. This dehumidifies the air to help dry the windshield. To improve fuel economy, use these modes only when necessary.

8. Climate Control OFF Button

Push and release this button to turn the Climate Control ON/OFF.

9. Temperature Control Down Button (Uconnect® 8.4)

Provides temperature control. Push the button on the faceplate for cooler temperature settings or on the touchscreen, press and slide the button on the touchscreen temperature bar towards the blue arrow button on the touchscreen for cooler temperature settings.

10. Temperature Control Up Button (Uconnect® 8.4)

Provides temperature control. Push the button on the faceplate for warmer temperature settings or on the touchscreen, press and slide the button on the touchscreen temperature bar towards the red arrow button on the touchscreen for warmer temperature settings.

11. Temperature Control (Uconnect® 5.0)

Press the temperature button on the touchscreen to regulate the temperature of the air inside the passenger compartment. Moving the temperature bar into the red area, indicates warmer temperatures. Moving the temperature bar into the blue area indicates cooler temperatures.

Climate Control Functions

A/C (Air Conditioning)

The Air Conditioning (A/C) button allows the operator to manually activate or deactivate the air conditioning system. When the air conditioning system is turned on, cool dehumidified air will flow through the outlets into the cabin. For improved fuel economy, push the A/C button to turn off the air conditioning and manually adjust the blower and airflow mode settings. Also, make sure to select only Panel, Bi-Level or Floor modes.

NOTE:

- **If fog or mist appears on the windshield or side glass, select Defrost mode and adjust blower speed if needed.**
- **If your air conditioning performance seems lower than expected, check the front of the A/C condenser (located in front of the radiator), for an accumulation of dirt or insects. Clean with a gentle water spray from behind the radiator and through the condenser. Fabric front fascia protectors may reduce airflow to the condenser, reducing air conditioning performance.**

MAX A/C

MAX A/C sets the control for maximum cooling performance.

Press to toggle between MAX A/C and the prior settings. The button on the touchscreen illuminates when MAX A/C is ON.

In MAX A/C, the blower level and mode position can be adjusted to desired user settings. Pushing other settings will cause the MAX A/C operation to switch to the selected setting and cause MAX A/C to exit.

Recirculation

When outside air contains smoke, odors, or high humidity, or if rapid cooling is desired, you may wish to recirculate interior air by pressing the Recirculation control button. The recirculation indicator will illuminate when this button is selected. Press the button a second time to turn off the Recirculation mode and allow outside air into the vehicle.

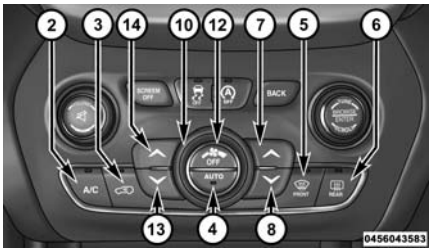
NOTE:

In cold weather, use of Recirculation mode may lead to excessive window fogging. The recirculation feature may be unavailable (button on the touchscreen greyed out) if conditions exist that could create fogging on the inside of the windshield. On systems with Manual Climate Controls, the Recirculation mode is not allowed in Defrost mode to improve window clearing operation. Recirculation will be disabled automatically if this mode is selected. Attempting to use Recirculation while in this mode will cause the LED in the control button to blink and then turn off.

Dual Zone Automatic Climate Controls With Touchscreen — If Equipped

Buttons On Your Uconnect® Faceplate

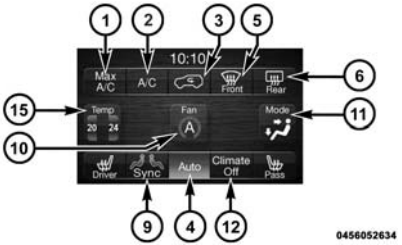
The buttons on the faceplate are located below the Uconnect® screen.



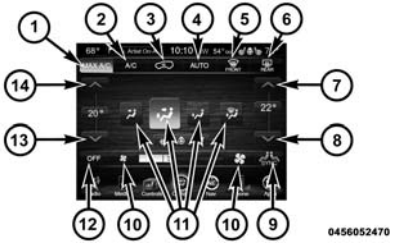
Uconnect® Automatic Climate Controls — Buttons On Your Faceplate

Buttons On Your Uconnect® Touchscreen

The buttons on the touchscreen are accessible on the Uconnect® system screen.



Uconnect® 5.0 Automatic Temperature Controls — Buttons On Your Touchscreen



Uconnect® 8.4 Automatic Temperature Controls — Buttons On Your Touchscreen

Button Descriptions (Applies To Both The Buttons On Your Faceplate And The Buttons On Your Touchscreen)

1. MAX A/C Button

Press and release to change the current setting, the indicator illuminates when MAX A/C is ON. Performing this function again will cause the MAX A/C operation to switch into manual mode and the MAX A/C indicator will turn off.

2. A/C Button

Press and release to change the current setting, the indicator illuminates when A/C is ON. Performing this function again will cause the A/C operation to switch into manual mode and the A/C indicator will turn off.

3. Recirculation Button

Press and release to change the current setting, the indicator illuminates when ON.

4. AUTO Operation Button

Automatically controls the interior cabin temperature by adjusting airflow distribution and amount. Performing this function will cause the system to switch between manual mode and automatic modes. Refer to “Automatic Operation” for more information.

5. Front Defrost Button

Press and release to change the current airflow setting to Defrost mode. The indicator illuminates when this feature is ON. Air comes from the windshield and side window demist outlets. When the defrost button is selected, the blower level will increase. Use Defrost mode with maxi-

mum temperature settings for best windshield and side window defrosting and defogging. Performing this function will cause the ATC to switch into manual mode. If the front defrost mode is turned off the climate system will return to the previous setting.

6. Rear Defrost Button

Press and release this button to turn on the rear window defroster and the heated outside mirrors (if equipped). An indicator will illuminate when the rear window defroster is on. The rear window defroster automatically turns off after 10 minutes. For each additional press of this button, five additional minutes will be added to the timer function.

CAUTION!

Failure to follow these cautions can cause damage to the heating elements:

(Continued)

CAUTION! ***(Continued)***

- Use care when washing the inside of the rear window. Do not use abrasive window cleaners on the interior surface of the window. Use a soft cloth and a mild washing solution, wiping parallel to the heating elements. Labels can be peeled off after soaking with warm water.
- Do not use scrapers, sharp instruments, or abrasive window cleaners on the interior surface of the window.
- Keep all objects a safe distance from the window.

7. Passenger Temperature Control Up Button (Uconnect® 8.4 Only)

Provides the passenger with independent temperature control. Push the button on the faceplate for warmer temperature settings or on the touchscreen, press and slide the button on the touchscreen temperature bar towards the red arrow button on the touchscreen for warmer temperature settings.

NOTE:
Pressing this button while in Sync mode will automatically exit Sync.

8. Passenger Temperature Control Down Button (Uconnect® 8.4 Only)

Provides the passenger with independent temperature control. Push the button on the faceplate for cooler temperature settings or on the touchscreen, press and slide the button on the touchscreen temperature bar towards the blue arrow button on the touchscreen for cooler temperature settings.

NOTE:
Pressing this button while in Sync mode will automatically exit Sync.

9. SYNC

Press the Sync button on the touchscreen to toggle the Sync feature On/Off. The Sync indicator is illuminated when this feature is enabled. Sync is used to synchronize the passenger temperature setting with the driver temperature setting. Changing the passenger temperature setting while in Sync will automatically exit this feature.

10. Blower Control

Blower control is used to regulate the amount of air forced through the climate system. There are seven blower speeds available. Adjusting the blower will cause automatic mode to switch to manual operation. The speeds can be selected using either the blower control knob on the faceplate or buttons on the touchscreen as follows:

Blower Control Knob On The Faceplate

The blower speed increases as you turn the blower control knob clockwise from the lowest blower setting. The blower speed decreases as you turn the blower control knob counterclockwise.

Button On The Touchscreen

Use the small blower icon to reduce the blower setting and the large blower icon to increase the blower setting. Blower can also be selected by pressing the blower bar area between the icons.

11. Modes

The airflow distribution mode can be adjusted so air comes from the instrument panel outlets, floor outlets, and demist outlets. The Mode settings are as follows:

- **Panel Mode**

Air comes from the outlets in the instrument panel. Each of these outlets can be individually adjusted to direct the flow of air. The air vanes of the center outlets and outboard outlets can be moved up and down or side to side to regulate airflow direction. There is a shut off wheel located below the air vanes to shut off or adjust the amount of airflow from these outlets.

- **Bi-Level Mode**

Air comes from the instrument panel outlets and floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.

NOTE:
BI-LEVEL mode is designed under comfort conditions to provide cooler air out of the panel outlets and warmer air from the floor outlets.

- **Floor Mode**

Air comes from the floor outlets. A slight amount of air is directed through the defrost and side window demister outlets.

- **Mix Mode**

Air comes from the floor, defrost and side window demist outlets. This mode works best in cold or snowy conditions.

12. Climate Control OFF Button

Press and release this button to turn the Climate Control ON/OFF.

13. Driver Temperature Control Down Button (Uconnect® 8.4 Only)

Provides the driver with independent temperature control. Push the button on the faceplate for cooler temperature settings or on the touchscreen, press and slide the button on the touchscreen temperature bar towards the blue arrow button on the touchscreen for cooler temperature settings.

NOTE:

In Sync mode, this button will also automatically adjust the passenger temperature setting at the same time.

14. Driver Temperature Control Up Button (Uconnect® 8.4 Only)

Provides the driver with independent temperature control. Push the button on the faceplate for warmer temperature settings or on the touchscreen, press and slide the button on the touchscreen temperature bar towards the red arrow button on the touchscreen for warmer temperature settings.

NOTE:

In Sync mode, this button will also automatically adjust the passenger temperature setting at the same time.

15. Temperature Control (Uconnect® 5.0 Only)

Press the temperature button on the touchscreen to regulate the temperature of the air inside the passenger compartment. Moving the temperature bar into the red area, indicates warmer temperatures. Moving the temperature bar into the blue area indicates cooler temperatures.

Climate Control Functions

A/C (Air Conditioning)

The Air Conditioning (A/C) button allows the operator to manually activate or deactivate the air conditioning system. When the air conditioning system is turned on, cool dehumidified air will flow through the outlets into the cabin. For improved fuel economy, push the A/C button to turn off the air conditioning and manually adjust the blower and airflow mode settings. Also, make sure to select only Panel, Bi-Level or Floor modes.

NOTE:

- **If fog or mist appears on the windshield or side glass, select Defrost mode and adjust blower speed if needed.**
- **If your air conditioning performance seems lower than expected, check the front of the A/C condenser (located in front of the radiator), for an accumulation of dirt or insects. Clean with a gentle water spray from behind the radiator and through the condenser. Fabric front fascia protectors may reduce airflow to the condenser, reducing air conditioning performance.**

MAX A/C

MAX A/C sets the control for maximum cooling performance.

Press to toggle between MAX A/C and the prior settings. The button on the touchscreen illuminates when MAX A/C is ON.

In MAX A/C, the blower level and mode position can be adjusted to desired user settings. Pushing other settings will cause the MAX A/C operation to switch to the selected setting and cause MAX A/C to exit.

Recirculation

When outside air contains smoke, odors, or high humidity, or if rapid cooling is desired, you may wish to recirculate interior air by pressing the Recirculation control button. The recirculation indicator will illuminate when this button is selected. Press the button a second time to turn off the Recirculation mode and allow outside air into the vehicle.

NOTE:

In cold weather, use of Recirculation mode may lead to excessive window fogging. The recirculation feature may be unavailable (button on the touchscreen greyed out) if conditions exist that could create fogging on the inside of the windshield. On systems with Manual Climate Controls, the Recirculation mode is not allowed in Defrost mode to improve window clearing operation. Recirculation will be disabled automatically if this mode is selected. Attempting to use Recirculation while in this mode will cause the LED in the control button to blink and then turn off.

Automatic Temperature Control (ATC)

Automatic Operation

1. Press the AUTO button on the Automatic Temperature Control (ATC) Panel.
2. Next, adjust the temperature you would like the system to maintain by adjusting the driver and passenger temperature control buttons. Once the desired temperature is displayed, the system will achieve and automatically maintain that comfort level.
3. When the system is set up for your comfort level, it is not necessary to change the settings. You will experience the greatest efficiency by simply allowing the system to function automatically.

NOTE:

- **It is not necessary to move the temperature settings for cold or hot vehicles. The system automatically adjusts the temperature, mode, and blower speed to provide comfort as quickly as possible.**
- **The temperature can be displayed in U.S. or Metric units by selecting the Uconnect® customer-programmable feature. Refer to the "Uconnect® Settings" in this section of the manual.**

To provide you with maximum comfort in the Automatic mode, during cold start-ups the blower fan will remain on low until the engine warms up. The blower will increase in speed and transition into Auto mode.

Manual Operation Override

The system allows for manual selection of blower speed, air distribution mode, A/C status and recirculation control.

The blower fan speed can be set to any fixed speed by adjusting the blower control. The fan will now operate at a fixed speed until additional speeds are selected. This allows the front occupants to control the volume of air circulated in the vehicle and cancel the Auto mode.

The operator can also select the direction of the airflow by selecting one of the available mode settings. A/C operation and Recirculation control can also be manually selected in Manual operation.

NOTE:

Each of these features operates independently from each other. If any feature is controlled manually, temperature control will continue to operate automatically.

Operating Tips

NOTE:

Refer to the chart at the end of this section for suggested control settings for various weather conditions.

Summer Operation

The engine cooling system must be protected with a high-quality antifreeze coolant to provide proper corrosion protection and to protect against engine overheating. A solution of 50% OAT (Organic Additive Technology) coolant that meets the requirements of Chrysler Material Standard MS-12106 and 50% water is recommended. Refer to “Maintenance Procedures” in “Maintaining Your Vehicle” for proper coolant selection.

Winter Operation

Use of the air Recirculation mode during winter months is not recommended because it may cause window fogging.

Vacation Storage

Any time you store your vehicle or keep it out of service (i.e., vacation) for two weeks or more, run the air conditioning system at idle for about five minutes in the fresh air and high blower setting. This will ensure adequate system lubrication to minimize the possibility of compressor damage when the system is started again.

Window Fogging

Interior fogging on the windshield can be quickly removed by turning the mode selector to Defrost. The Defrost/Floor mode can be used to maintain a clear windshield and provide sufficient heating. If side window fogging becomes objectionable, increase blower speed to improve airflow and clearing of the side windows. Vehicle windows tend to fog on the inside in mild but rainy or humid weather.

NOTE:

- **Recirculate without A/C should not be used for long periods, as fogging may occur.**
- **Automatic Temperature Controls (ATC) will automatically adjust the climate control settings to reduce or eliminate window fogging on the front windshield. When this occurs, recirculation will be unavailable.**

Outside Air Intake

Make sure the air intake, located directly in front of the windshield, is free of obstructions such as leaves. Leaves collected in the air intake may reduce airflow, and if they enter the plenum, they could plug the water drains. In winter months, make sure the air intake is clear of ice, slush, and snow.

A/C Air Filter

The climate control system filters outside air containing dust, pollen and some odors. Strong odors cannot be totally filtered out. Refer to “Maintenance Procedures” in “Maintaining Your Vehicle” for filter replacement instructions.

Control Setting Suggestions For Various Weather Conditions

WEATHER	CONTROL SETTINGS
Hot weather and vehicle interior is very hot	Set the mode control to , A/C on, and blower on high. Roll down the windows for a minute to flush out the hot air. Once comfort is achieved adjust controls for comfort.
Warm Weather	Turn A/C on and set the mode control to the position.
Cool Sunny	Operate in position.
Cool & Humid conditions	Set the mode control to and turn on A/C to keep windows clear.
Cold Weather	Set the mode control to the position. If windshield fogging starts to occur, move the control towards the position.

0456052237

Uconnect® VOICE RECOGNITION QUICK TIPS

Introducing Uconnect®

Start using Uconnect® Voice Recognition with these helpful quick tips. It provides the key Voice Commands and tips you need to know to control your Uconnect® 5.0 or 8.4A/8.4AN system.

Uconnect® 5.0

Key Features:

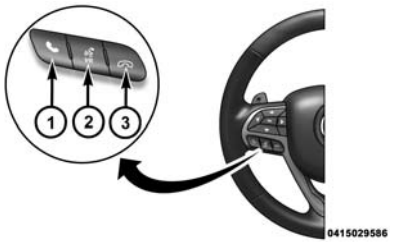
- 5 inch touchscreen
- Three buttons on either side of the display

Uconnect® 8.4

Get Started

All you need to control your Uconnect® system with your voice are the buttons on your steering wheel.

1. Visit **UconnectPhone.com** to check mobile device and feature compatibility and to find phone pairing instructions.
2. Reduce background noise. Wind and passenger conversations are examples of noise that may impact recognition.
3. Speak clearly at a normal pace and volume while facing straight ahead. The microphone is positioned on the rearview mirror and aimed at the driver.
4. Each time you give a Voice Command, you must first push either the VR or Phone button, wait until **after** the beep, then say your Voice Command.
5. You can interrupt the help message or system prompts by pushing the VR or Phone button and saying a Voice Command from current category.



Uconnect® Voice Command

1 — Push To Initiate Or To Answer A Phone Call, Send Or Receive A Text
2 — For all radios: Push To Begin Radio or Media functions. For 8.4A/8.4AN only: Push to begin Navigation, Apps And Climate Functions
3 — Push To End Call

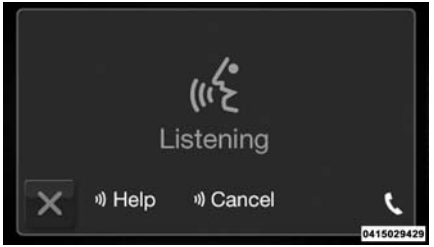
Basic Voice Commands

The basic Voice Commands below can be given at any point while using your Uconnect® system.

Push the VR button (VR). After the beep, say…

- **Cancel** to stop a current voice session
- **Help** to hear a list of suggested Voice Commands
- **Repeat** to listen to the system prompts again

Notice the visual cues that inform you of your voice recognition system's status. Cues appear on the touchscreen.



Uconnect® 5.0

Uconnect® 8.4

Radio

Use your voice to quickly get to the AM, FM or MW/LW (if equipped) radio stations you would like to hear.

Push the VR button . After the beep, say…

- **Tune to** ninety-five-point-five FM
- **Tune to** Satellite Channel Hits 1

TIP: At any time, if you are not sure of what to say or want to learn a Voice Command, push the VR button and say **"Help."** The system will provide you with a list of commands.

Uconnect® 5.0 Radio

Uconnect® 8.4 Radio

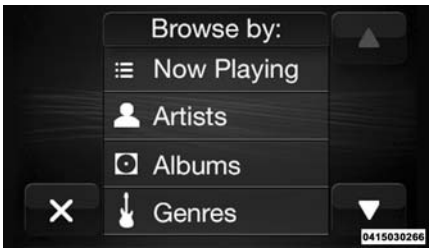
Media

Uconnect® offers connections via USB, SD, Bluetooth® and auxiliary ports (If Equipped). Voice operation is only available for connected USB and iPod® devices. (Remote CD player optional and not available on all vehicles.)

Push the VR button . After the beep, say one of the following commands and follow the prompts to switch your media source or choose an artist.

- **Change source** to Bluetooth®
- **Change source** to iPod®
- **Change source** to USB
- **Play artist** Beethoven; **Play album** Greatest Hits; **Play song** Moonlight Sonata; **Play genre** Classical

TIP: Press the Browse button on the touchscreen to see all of the music on your iPod® or USB device. Your Voice Command must match **exactly** how the artist, album, song and genre information is displayed.



Uconnect® 5.0 Media

Uconnect® 8.4 Media

Phone

Making and answering hands-free phone calls is easy with Uconnect®. When the Phonebook button is illuminated on your touchscreen, your system is ready. Check UconnectPhone.com for mobile phone compatibility and pairing instructions.

Push the Phone button . After the beep, say one of the following commands…

- **Call** John Smith
- **Dial** 123-456-7890 and follow the system prompts
- **Redial** (call previous outgoing phone number)
- **Call back** (call previous incoming phone number)

TIP: When providing a Voice Command, push the Phone button and say "Call," then pronounce the name exactly as it appears in your phone book. When a contact has multiple phone numbers, you can say "Call John Smith work."

Uconnect® 5.0 Phone

Uconnect® 8.4 Phone

Climate (8.4A/8.4AN)

Too hot? Too cold? Adjust vehicle temperatures hands-free and keep everyone comfortable while you keep moving ahead. (If vehicle is equipped with climate control.)

Push the VR button . After the beep, say one of the following commands:

- **Set both temperatures to** 70 **degrees**
- **Set driver temperature to** 70 **degrees**
- **Set passenger temperature to** 70 **degrees**

TIP: Voice Command for Climate may only be used to adjust the interior temperature of your vehicle. Voice Command will not work to adjust the heated seats or steering wheel if equipped.

Uconnect 8.4 Climate

Navigation (8.4A/8.4AN)

The Uconnect® navigation feature helps you save time and become more productive when you know exactly how to get to where you want to go. (Navigation is optional on the Uconnect® 8.4A system. See your dealer to activate navigation at any time.)

1. To enter a destination, push the VR button . After the beep, say:

- For the 8.4A Uconnect® System, say: **"Enter state."**
- For the 8.4AN Uconnect® System, say: **"Navigate to** 800 Chrysler Drive Auburn Hills, Michigan."

2. Then follow the system prompts.

TIP: To start a POI search, push the VR button . After the beep, say: "**Find nearest** coffee shop."

Uconnect® 8.4 Navigation

Additional Information

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Uconnect® System Support:

- DriveUconnect.com

Mon. – Fri., 7:00 am – 12:00 am, ET

Sat., 8:00 am – 10:00 pm, ET

Sun., 9:00 am – 5:00 pm, ET

Uconnect® Access Services Support 1-855-792-4241. Please have your Uconnect® Security PIN ready when you call.

5

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STARTING PROCEDURES — GASOLINE ENGINES

Before starting your vehicle, adjust your seat, adjust both inside and outside mirrors, and fasten your seat belts.

WARNING!

- When leaving the vehicle, always remove the key fob from the ignition and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle.
- Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the shift lever.

(Continued)

WARNING! ***(Continued)***

- Do not leave the key fob in or near the vehicle, or in a location accessible to children, and do not leave the ignition of a vehicle equipped with Keyless Enter-N-Go™ in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.

Start the engine with the shift lever in the NEUTRAL or PARK position. Apply the brake before shifting to any driving range.

Normal Starting

NOTE:

Normal starting of either a cold or a warm engine is obtained without pumping or pressing the accelerator pedal.

Cycle the ignition switch to the START position and release when the engine starts. If the engine fails to start within 10 seconds, cycle the ignition switch to the LOCK/OFF position, wait 10 to 15 seconds, then repeat the "Normal Starting" procedure.

Tip Start Feature

Cycle the ignition switch to START position and release it as soon as the starter engages. The starter motor will continue to run, but will automatically disengage itself when the engine is running. If the engine fails to start, the starter will disengage automatically in 10 seconds. If this occurs, cycle the ignition switch to the LOCK position, wait 10 to 15 seconds, then repeat the "Normal Starting" procedure.

Extreme Cold Weather (Below –20°F Or –29°C)

To ensure reliable starting at these temperatures, use of an externally powered electric engine block heater (available from your authorized dealer) is recommended.

Extended Park Starting

NOTE:
Extended Park condition occurs when the vehicle has not been started or driven for at least 35 days.

1. Install a battery charger or jumper cables to the battery to ensure a full battery charge during the crank cycle.
2. Cycle the ignition in the START position and release it when the engine starts.
3. If the engine fails to start within ten seconds, cycle the ignition to the STOP (OFF/LOCK) position, wait five seconds to allow the starter to cool, then repeat the Extended Park Starting procedure.
4. If the engine fails to start after eight attempts, allow the starter to cool for at least 10 minutes, then repeat the procedure.

CAUTION!

To prevent damage to the starter, do not continuously crank the engine for more than 10 seconds at a time. Wait 10 to 15 seconds before trying again.

If Engine Fails To Start

WARNING!

- Never pour fuel or other flammable liquid into the throttle body air inlet opening in an attempt to start the vehicle. This could result in flash fire causing serious personal injury.
- Do not attempt to push or tow your vehicle to get it started. Vehicles equipped with an automatic transmission cannot be started this way. Unburned fuel could enter the catalytic converter and once the engine has started, ignite and damage the converter and vehicle.

(Continued)

WARNING! ***(Continued)***

- If the vehicle has a discharged battery, booster cables may be used to obtain a start from a booster battery or the battery in another vehicle. This type of start can be dangerous if done improperly. Refer to “Jump Starting” in “What To Do In Emergencies” for further information.

With Tip Start
If the engine fails to start after you have followed the "Normal Starting", “Extreme Cold Weather" and "Extended Park Starting" procedures, it may be flooded. To clear any excess fuel, press the accelerator pedal all the way to the floor and hold it. Then, cycle the ignition switch to the START position and release it as soon as the starter engages. The starter motor will disengage automatically in 10 seconds. Once this occurs, release the accelerator pedal, cycle the ignition to the LOCK position, wait 10 to 15 seconds, then repeat the “Normal Starting” procedure.

CAUTION!

To prevent damage to the starter, wait 10 to 15 seconds before trying again.

After Starting

The idle speed is controlled automatically and it will decrease as the engine warms up.

STOP/START SYSTEM — 3.2L ENGINE

The Stop/Start function is developed to reduce fuel consumption. The system will stop the engine automatically during a vehicle stop if the required conditions are met. Releasing the brake pedal or pressing the accelerator pedal will automatically re-start the engine.

Automatic Mode

The Stop/Start feature is enabled after every normal customer engine start. At that time, the system will go into STOP/START READY and if all other conditions are met, can go into a STOP/START AUTOSTOP ACTIVE "Autostop" mode.

To Activate The Autostop Mode, The Following Must Occur:

- The system must be in STOP/START READY state. A STOP/START READY message will be displayed in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID) within the Stop/Start section. Refer to "Electronic Vehicle Information Center (EVIC)" or "Driver Information Display (DID)" in "Understanding Your Instrument Panel" for further information.
- The vehicle must be completely stopped.
- The shifter must be in a forward gear and the brake pedal depressed.

The engine will shut down, the tachometer will move to the zero position and the Stop/Start telltale will illuminate indicating you are in Autostop. Customer settings will be maintained upon return to an engine running condition.

Possible Reasons The Engine Does Not Autostop

Prior to engine shut down, the system will check many safety and comfort conditions to see if they are fulfilled. Detailed information about the operation of the Stop/Start system may be viewed in the EVIC/DID Stop/Start Screen. In the following situations the engine will not stop:

- Driver's seat belt is not buckled.
- Driver's door is not closed.
- Battery temperature is too warm or cold.
- Battery charge is low.
- The vehicle is on a steep grade.
- Cabin heating or cooling is in process and an acceptable cabin temperature has not been achieved.
- HVAC is set to full defrost mode at a high blower speed.
- HVAC set to MAX A/C.
- Engine has not reached normal operating temperature.
- The transmission is not in a forward gear.
- Hood is open.
- Vehicle is in 4LO transfer case mode.
- Brake pedal is not pressed with sufficient pressure.

Other Factors Which Can Inhibit Autostop Include:

- Fuel level.
- Accelerator pedal input.
- Engine temp too high.
- 5 MPH threshold not achieved from previous AUTOSTOP.
- Steering angle beyond threshold.
- ACC is on and speed is set.

It may be possible for the vehicle to be driven several times without the STOP/START system going into a STOP/START READY state under more extreme conditions of the items listed above.

To Start The Engine While In Autostop Mode

While in a forward gear, the engine will start when the brake pedal is released or the throttle pedal is depressed. The transmission will automatically re-engage upon engine restart.

Conditions That Will Cause The Engine To Start Automatically While In Autostop Mode:

- The transmission selector is moved out of DRIVE.
- To maintain cabin temperature comfort.
- HVAC is set to full defrost mode.
- HVAC system temperature or fan speed is manually adjusted.
- Battery voltage drops too low.
- Low brake vacuum (e.g. after several brake pedal applications).
- STOP/START OFF switch is pressed.
- A STOP/START system error occurs.
- 4WD system is put into 4LO mode.

Conditions That Force An Application Of The Electric Park Brake While In Autostop Mode:

- The drivers door is open and brake pedal released.
- The drivers door is open and the drivers seat belt is unbuckled.
- The engine hood has been opened.
- A STOP/START system error occurs.

If the Electric Park Brake is applied with the engine off, the engine may require a manual restart and the electric park brake may require a manual release (depress brake pedal and press Electric Park Brake switch). Refer to “Electronic Vehicle Information Center (EVIC)” or “Driver Information Display (DID)” in “Understanding Your Instrument Panel” for further information.

To Manually Turn Off The Stop/Start System

1. Press the STOP/START Off switch (located on the switch bank). The light on the switch will illuminate.

STOP/START OFF Switch

2. The “STOP/START OFF” message will appear in Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID). Refer to “Electronic Vehicle Information Center (EVIC)” or “Driver Information Display (DID)” in “Understanding Your Instrument Panel” for further information.
3. At the next vehicle stop (after turning off the STOP/START system) the engine will not be stopped.
4. The STOP/START system will reset itself back to an ON condition every time the ignition is turned off and back on.

To Manually Turn On The Stop/Start System

Press the STOP/START Off switch (located on the switch bank). The light on the switch will turn off.

System Malfunction

If there is a malfunction in the STOP/START system, the system will not shut down the engine. A “SERVICE STOP/START SYSTEM” message will appear in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID). Refer to “Electronic Vehicle Information Center (EVIC)” or “Driver Information Display (DID)“ in “Understanding Your Instrument Panel” for further information.

If the “SERVICE STOP/START SYSTEM” message appears in the EVIC/DID, have the system checked by your authorized dealer.

ENGINE BLOCK HEATER — IF EQUIPPED

The engine block heater warms the engine, and permits quicker starts in cold weather. Connect the cord to a standard 110-115 Volt AC electrical outlet with a grounded three-wire extension cord.

The engine block heater cord is found under the hood clipped to the heater line on the left side of the engine.

The engine block heater must be plugged in at least one hour to have an adequate warming effect on the engine.

WARNING!

Remember to disconnect the engine block heater cord before driving. Damage to the 110-115 Volt AC electrical cord could cause electrocution.

AUTOMATIC TRANSMISSION

WARNING!

- It is dangerous to shift out of PARK or NEUTRAL if the engine speed is higher than idle speed. If your foot is not firmly pressing the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and your foot is firmly pressing the brake pedal.

(Continued)

WARNING! ***(Continued)***

- Unintended movement of a vehicle could injure those in or near the vehicle. As with all vehicles, you should never exit a vehicle while the engine is running. Before exiting a vehicle, always apply the parking brake, shift the transmission into PARK, turn the engine OFF, and remove the key fob. When the ignition is in the LOCK/OFF (key removal) position, the transmission is locked in PARK, securing the vehicle against unwanted movement.
- When leaving the vehicle, always make sure the ignition is in the OFF position, remove the key fob from the vehicle, and lock the vehicle.

(Continued)

WARNING! ***(Continued)***

- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the transmission gear selector.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition (in a vehicle equipped with Keyless Enter-N-Go™) in the ACC or ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

CAUTION!

Damage to the transmission may occur if the following precautions are not observed:

- Shift into or out of PARK or REVERSE only after the vehicle has come to a complete stop.
- Do not shift between PARK, REVERSE, NEUTRAL, or DRIVE when the engine is above idle speed.
- Before shifting into any gear, make sure your foot is firmly pressing the brake pedal.

NOTE:

You must press and hold the brake pedal while shifting out of PARK.

Key Ignition Park Interlock

This vehicle is equipped with a Key Ignition Park Interlock which requires the transmission to be in PARK before the ignition switch can be turned to the LOCK/OFF (key removal) position. The key fob can only be removed from the ignition when the ignition is in the LOCK/OFF position, and the transmission is locked in PARK whenever the ignition switch is in the LOCK/OFF position.

Brake/Transmission Shift Interlock System

This vehicle is equipped with a Brake Transmission Shift Interlock system (BTSI) that holds the shift lever in PARK unless the brakes are applied. To shift the transmission out of PARK, the ignition switch must be turned to the ON/RUN position (engine running or not) and the brake pedal must be pressed.

The brake pedal must also be pressed to shift from NEUTRAL into DRIVE or REVERSE when the vehicle is stopped or moving at low speeds.

Fuel Economy (ECO) Mode

The Fuel Economy (ECO) mode can improve the vehicle's overall fuel economy during normal driving conditions. To activate ECO mode press the "Controls" button on the touchscreen and then press the "ECO" button on the touchscreen. When ECO mode is engaged a green light in the center stack of the instrument panel will be illuminated and a green ECO light will also illuminate in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID). In 4WD models, ECO mode is only active in '4WD Auto' driving mode. If you switch to another driving mode the ECO button will turn grey and the ECO light in the instrument panel will disappear indicating it is no longer in ECO mode. It will automatically re-enable ECO mode when you switch back into 4WD Auto.

Nine-Speed Automatic Transmission

The transmission gear range (PRND) is displayed both beside the shift lever and in the Electronic Vehicle Information Center (EVIC)/ Driver Information Display (DID). To select a gear range, press the lock button on the shift lever and move the lever rearward or forward. You must also press the brake pedal to shift the transmission out of PARK, or to shift from NEUTRAL into DRIVE or REVERSE when the vehicle is stopped or moving at low speeds (refer to "Brake/Transmission Shift Interlock System" in this section). Select the DRIVE range for normal driving.

The electronically-controlled transmission provides a precise shift schedule. The transmission

electronics are self-calibrating; therefore, the first few shifts on a new vehicle may be somewhat abrupt. This is a normal condition, and precision shifts will develop within a few hundred miles (kilometers).

Only shift from DRIVE to PARK or REVERSE when the accelerator pedal is released and the vehicle is stopped. Be sure to keep your foot on the brake pedal when shifting between these gears.

The transmission shift lever has PARK, REVERSE, NEUTRAL, DRIVE, and Electronic Range Select (ERS) shift positions. Manual downshifts can be made using the ERS shift control (refer to "Electronic Range Select (ERS) Operation" in this section for further information). Moving the shift lever into the ERS (-/+) position (beside the DRIVE position) activates ERS mode, displays the current gear in the instrument cluster, and prevents automatic upshifts beyond this gear. In ERS mode, toggling the shift lever forward (-) or rearward (+) will change the highest available gear.

NOTE:

If the shift lever cannot be moved to the PARK, REVERSE, or NEUTRAL position (when pushed forward) it is probably in the ERS (+/-) position (beside the DRIVE position). In ERS mode, the transmission gear limit (1, 2, 3, etc.) is displayed in the instrument cluster. Move the shift lever to the right (into the DRIVE [D] position) for access to PARK, REVERSE, and NEUTRAL.

Shift Lever

Gear Ranges

DO NOT race the engine when shifting from PARK or NEUTRAL into another gear range.

NOTE:

After selecting any gear range, wait a moment to allow the selected gear to engage before accelerating. This is especially important when the engine is cold.

PARK (P)

This range supplements the parking brake by locking the transmission. The engine can be started in this range. Never attempt to use PARK while the vehicle is in motion. Apply the parking brake when leaving the vehicle in this range.

When parking on a level surface, you may shift the transmission into PARK first, and then apply the parking brake.

When parking on a hill, apply the parking brake before shifting the transmission to PARK, otherwise the load on the transmission locking mechanism may make it difficult to move the shift lever out of PARK. As an added precaution, turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade.

WARNING!

- Never use the PARK position as a substitute for the parking brake. Always apply the parking brake fully when parked to guard against vehicle movement and possible injury or damage.
- Your vehicle could move and injure you and others if it is not completely in PARK. Check by trying to move the shift lever out of PARK with the brake pedal released. Make sure the transmission is in PARK before leaving the vehicle.

(Continued)

WARNING! ***(Continued)***

- It is dangerous to shift out of PARK or NEUTRAL if the engine speed is higher than idle speed. If your foot is not firmly pressing the brake pedal, the vehicle could accelerate quickly forward or in reverse. You could lose control of the vehicle and hit someone or something. Only shift into gear when the engine is idling normally and your foot is firmly pressing the brake pedal.
- Unintended movement of a vehicle could injure those in or near the vehicle. As with all vehicles, you should never exit a vehicle while the engine is running. Before exiting a vehicle, always apply the parking brake, shift the transmission into PARK, turn the engine OFF, and remove the key fob. When the ignition is in the LOCK/OFF (key removal) position, the transmission is locked in PARK, securing the vehicle against unwanted movement.

(Continued)

WARNING! ***(Continued)***

- When leaving the vehicle, always make sure the ignition is in the OFF position, remove the key fob from the vehicle, and lock the vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the shift lever.
- Do not leave the key fob in or near the vehicle (or in a location accessible to children), and do not leave the ignition (in a vehicle equipped with Keyless Enter-N-Go™) in the ACC or ON/RUN position. A child could operate power windows, other controls, or move the vehicle.

CAUTION!

- Before moving the shift lever out of PARK, you must turn the ignition switch from the LOCK/OFF position to the ON/RUN position, and also press the brake pedal. Otherwise, damage to the shift lever could result.
- DO NOT race the engine when shifting from PARK or NEUTRAL into another gear range, as this can damage the drivetrain.

The following indicators should be used to ensure that you have engaged the transmission into the PARK position:

- When shifting into PARK, press the lock button on the shift lever and firmly move the lever all the way forward until it stops and is fully seated.
- Look at the transmission gear position display and verify that it indicates the PARK position (P).
- With brake pedal released, verify that the shift lever will not move out of PARK.

REVERSE (R)

This range is for moving the vehicle backward. Shift into REVERSE only after the vehicle has come to a complete stop.

NEUTRAL (N)

Use this range when the vehicle is standing for prolonged periods with the engine running. The engine may be started in this range. Apply the parking brake and shift the transmission into PARK if you must leave the vehicle.

WARNING!

Do not coast in NEUTRAL and never turn off the ignition to coast down a hill. These are unsafe practices that limit your response to changing traffic or road conditions. You might lose control of the vehicle and have a collision.

CAUTION!

Towing the vehicle, coasting, or driving for any other reason with the transmission in

(Continued)

CAUTION! ***(Continued)***

NEUTRAL can cause severe transmission damage. Refer to “Recreational Towing” in “Starting And Operating” and “Towing A Disabled Vehicle” in “What To Do In Emergencies” for further information.

DRIVE (D)

This range should be used for most city and highway driving. It provides the smoothest upshifts and downshifts, and the best fuel economy. The transmission automatically upshifts through all forward gears. The DRIVE position provides optimum driving characteristics under all normal operating conditions.

When frequent transmission shifting occurs (such as when operating the vehicle under heavy loading conditions, in hilly terrain, traveling into strong head winds, or while towing heavy trailers), use the Electronic Range Select (ERS) shift control (refer to "Electronic Range Select (ERS) Operation" in this section for further information) to select a lower gear range. Under these conditions, using a lower gear

range will improve performance and extend transmission life by reducing excessive shifting and heat buildup.

If the transmission temperature exceeds normal operating limits, the transmission controller may modify the transmission shift schedule, reduce engine torque, and/or expand the range of torque converter clutch engagement. This is done to prevent transmission damage due to overheating.

If the transmission becomes extremely hot, the “Transmission Temperature Warning Light” may illuminate and the transmission may operate differently until the transmission cools down.

During cold temperatures, transmission operation may be modified depending on engine and transmission temperature as well as vehicle speed. This feature improves warm up time of the engine and transmission to achieve maximum efficiency. Engagement of the torque converter clutch, and shifts into 8th or 9th gear, are inhibited until the transmission fluid is warm (refer to the “Note” under “Torque Converter Clutch” in this section). Normal operation will resume once the transmission temperature has risen to a suitable level.

SPORT — IF EQUIPPED

This mode alters the transmission’s automatic shift schedule for sportier driving. Upshift speeds are increased to make full use of available engine power.

SPORT mode is activated using the rotary switch on the center console. Refer to "Selec-Terrain" in this section for further information.

Transmission Limp Home Mode

Transmission function is monitored electronically for abnormal conditions. If a condition is detected that could result in transmission damage, Transmission Limp Home Mode is activated. In this mode, the transmission remains in fourth gear regardless of which forward gear is selected. PARK, REVERSE, and NEUTRAL will continue to operate. The Malfunction Indicator Light (MIL) may be illuminated. Limp Home Mode allows the vehicle to be driven to an authorized dealer for service without damaging the transmission.

In the event of a momentary problem, the transmission can be reset to regain all forward gears by performing the following steps:

1. Stop the vehicle.
2. Shift the transmission into PARK.
3. Turn the ignition switch to the LOCK/OFF position.
4. Wait approximately 10 seconds.
5. Restart the engine.
6. Shift into the desired gear range. If the problem is no longer detected, the transmission will return to normal operation.

NOTE:

Even if the transmission can be reset, we recommend that you visit your authorized dealer at your earliest possible convenience. Your authorized dealer has diagnostic equipment to determine if the problem could recur. If the transmission cannot be reset, authorized dealer service is required.

Electronic Range Select (ERS) Operation
The Electronic Range Select (ERS) shift control allows the driver to limit the highest available gear. For example, if you shift the transmission into 5 (fifth gear), the transmission will not shift above fifth gear, but will shift through the lower gears normally.

You can switch between DRIVE and ERS mode at any vehicle speed. When the shift lever is in the DRIVE position, the transmission will operate automatically, shifting between all available gears.

Moving the shift lever to the ERS position (beside DRIVE) will activate ERS mode, display the current gear in the instrument cluster, and maintain that gear as the top available gear. Once in ERS mode, moving the shift lever forward (-) or rearward (+) will change the top available gear.

To exit ERS mode, simply return the shift lever to the DRIVE position.

WARNING!

Do not downshift for additional engine braking on a slippery surface. The drive wheels could lose their grip and the vehicle could skid, causing a collision or personal injury.

NOTE:
To select the proper gear position for maximum deceleration (engine braking), move the shift lever into the ERS position, then simply press and hold it forward (-). The transmission will shift to the range from which the vehicle can best be slowed down.

Torque Converter Clutch
A feature designed to improve fuel economy has been included in the automatic transmission on your vehicle. A clutch within the torque converter engages automatically at calibrated speeds. This may result in a slightly different feeling or response during normal operation in the upper gears. When the vehicle speed drops or during some accelerations, the clutch automatically disengages.

NOTE:
The torque converter clutch will not engage until the transmission fluid is warm (usually after 1 to 3 miles [2 to 5 km] of driving). Because the engine speed is higher when the torque converter clutch is not engaged, it may seem as if the transmission is not shifting properly when cold, this is normal. The torque converter clutch will function normally once the transmission is sufficiently warm.

FOUR-WHEEL DRIVE OPERATION

1-Speed Four-Wheel Drive (4X4) — If Equipped

This feature provides on-demand four-wheel drive (4X4). The system is automatic with no driver inputs or additional driving skills required. Under normal driving conditions, the front wheels provide most of the traction. If the front wheels begin to lose traction, power is shifted automatically to the rear wheels. The greater the front wheel traction loss, the greater the power transfer to the rear wheels.

1-Speed 4X4 Switch

Additionally, on dry pavement under heavy throttle input (where one may have no wheel spin), torque will be sent to the rear in a pre-emptive effort to improve vehicle launch and performance characteristics.

CAUTION!

All wheels must have the same size and type tires. Unequal tire sizes must not be used. Unequal tire size may cause failure of the power transfer unit.

2-Speed Four-Wheel Drive (4X4) — If Equipped

2-Speed 4x4 Switch

2-Speed 4x4 Switch (with Rear Lock)

The Four-Wheel Drive is fully automatic in the normal driving mode. The Selec-Terrain buttons provide three selectable mode positions:

- 4WD LOW
- REAR LOCK (If Equipped)
- NEUTRAL

When additional traction is required, the 4WD LOW range position can be used to provide an additional gear reduction which allows for increased torque to be delivered to both the front and rear wheels. 4WD LOW is intended for loose, slippery road surfaces only. Driving in

4WD LOW on dry, hard-surfaced roads may cause increased tire wear and damage to driveline components.

When operating your vehicle in 4WD LOW, the engine speed is approximately three times that of the normal driving mode at a given road speed. Take care not to overspeed the engine and do not exceed 25 mph (40 km/h).

Proper operation of four-wheel drive vehicles depends on tires of equal size, type, and circumference on each wheel. Any difference will adversely affect shifting and cause damage to the driveline components.

Because four-wheel drive provides improved traction, there is a tendency to exceed safe turning and stopping speeds. Do not go faster than road conditions permit.

Shift Positions

For additional information on the appropriate use of each 4WD system mode position, see the information below:

NEUTRAL

This range disengages the driveline from the powertrain. It is to be used for flat towing behind another vehicle. Refer to "Recreational Towing" in "Starting and Operating" for further information.

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the power transfer unit in the NEUTRAL (N) position without first fully engaging the parking brake. The NEUTRAL (N) position disengages both the front and rear drive shafts from the powertrain and will allow the vehicle to roll, even if the transmission is in PARK. The parking brake should always be applied when the driver is not in the vehicle.

4WD LOW

This range is for low speed four-wheel drive. It provides an additional gear reduction which allows for increased torque to be delivered to both the front and rear wheels while providing maximum pulling power for loose, slippery road surfaces only. Do not exceed 25 mph (40 km/h).

NOTE:

Refer to "Selec-Terrain® – If Equipped" for further information on the various positions and their intended usages.

Shifting Procedures

Shifting Into 4X4 LOW

With the vehicle at speeds of 0 to 3 mph (0 to 5 km/h), the ignition switch in the ON position and the engine running, shift the transmission into NEUTRAL, and press the "4WD LOW" button once. The "4WD LOW" indicator light in the instrument cluster will begin to flash and remain on solid when the shift is complete.

Selec-Terrain Switch

NOTE:

If shift conditions/interlocks are not met a message will flash from the Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID) with instructions on how to complete the requested shift. Refer to "Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID) in "Understanding Your Instrument Panel" for further information.

Shifting Out Of 4X4 LOW

With the vehicle at speeds of 0 to 3 mph (0 to 5 km/h), the ignition switch in the ON position and the engine running, shift the transmission into NEUTRAL, and press the "4WD LOW" button once. The "4WD LOW" indicator light in the instrument cluster will flash and go out when the shift is complete.

NOTE:

- **If shift conditions/interlocks are not met, a message will flash from the Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID) with instructions on how to complete the requested shift. Refer to "Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID) in "Understanding Your Instrument Panel" for further information.**
- **Shifting into or out of 4WD LOW is possible with the vehicle completely stopped; however, difficulty may occur due to the mating clutch teeth not being properly aligned. Several attempts may be required for clutch teeth alignment and shift completion to occur. The preferred method is with the vehicle rolling 0 to 3 mph (0 to 5 km/h). If the vehicle is moving faster than 3 mph (5 km/h), the 4WD system will not allow the shift.**

NEUTRAL Shift Procedure

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the power transfer unit in the NEUTRAL (N) position without first fully engaging the parking brake. The NEUTRAL (N) position disengages both the front and rear drive shafts from the

(Continued)

WARNING! ***(Continued)***

powertrain and will allow the vehicle to roll, even if the transmission is in PARK. The parking brake should always be applied when the driver is not in the vehicle.

1. Bring the vehicle to a complete stop and shift the transmission to PARK.
2. Turn the engine OFF.
3. Turn the ignition switch to the ON/RUN position, but do not start the engine.
4. Press and hold the brake pedal.
5. Shift the transmission into NEUTRAL.
6. Using a ballpoint pen or similar object, press and hold the recessed power transfer unit NEUTRAL (N) button (located by the selector switch) for four seconds. The light behind the NEUTRAL (N) symbol will blink, indicating shift in progress. The light will stop blinking (stay on solid) when the shift to NEUTRAL (N) is complete.

Neutral Switch

7. After the shift is completed and the NEUTRAL (N) light stays on, release the NEUTRAL (N) button.
8. Start the engine.
9. Shift the transmission into REVERSE.
10. Release the brake pedal for five seconds and ensure that there is no vehicle movement.
11. Shift the transmission to NEUTRAL.
12. Apply the parking brake.
13. Shift the transmission into PARK, turn the engine OFF, and remove the key fob.

Repeat steps 1-7 to shift out of NEUTRAL.

Rear Electronic Locker (E-Locker) System — If Equipped

The Rear E-Locker System features a mechanical locking rear differential to provide better traction in the 4WD LOW position. The "REAR LOCK" button is on the Selec-Terrain Knob.

Activating The Rear E-Locker

To activate the Rear E-Locker System, the following conditions must be met:

1. The 4WD system must be in 4WD LOW.
2. The ignition switch in the ON position and the engine running.
3. Vehicle speed must be below 15 MPH (24 km/h).
4. To engage Rear E-Locker, press the REAR LOCK button once.

Deactivating The Rear E-Locker System

To deactivate the Rear E-Locker System, the following conditions must be met:

1. Rear E-Locker must be engaged, and the REAR LOCK indicator light on.
2. The ignition switch in the ON position and the engine running.
3. To disengage Rear E-Locker, press the REAR LOCK button once.

NOTE:

- **It may also be necessary to drive slowly steering back and forth to complete engagement and disengagement of the E-Locker.**
- **When engaging Rear E-Locker, the indicator lights in the instrument cluster and on the REAR LOCK button will begin to flash. When the shift is complete the REAR LOCK indicator lights will remain on.**

- **When disengaging Rear E-Locker, the indicator lights in the instrument cluster and on the REAR LOCK button will begin to flash. When the shift is complete the REAR LOCK indicator lights will remain off.**
- **Shifting into or out of Rear E-Locker is possible with the vehicle completely stopped; however, difficulty may occur due to the mating clutch teeth not being properly aligned. Several attempts may be required for clutch teeth alignment and shift completion to occur. The preferred method is for the vehicle to be rolling, below 15 MPH (24 km/h), while including right and left steering maneuvers to allow for the clutch teeth to align.**
- **The Rear E-Locker System must be disengaged prior to taking the vehicle out of 4WD LOW range. If 4WD LOW shift conditions/interlocks are not met, a message will flash from the Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID) with instructions on how to complete the requested shift.**

SELEC-TERRAIN™

Description

Selec-Terrain™ combines the capabilities of the vehicle control systems, along with driver input, to provide the best performance for all terrains.

Rotate the Selec-Terrain™ knob to select the desired mode.

Selec-Terrain™ Switch

Selec-Terrain™ offers the following modes:

- **Auto** — Fully automatic full time four-wheel drive operation can be used on and off road. Balances traction with seamless steering feel to provide improved handling and acceleration over two-wheel drive vehicles.
- **Snow** — Tuning set for additional stability in inclement weather. Use on and off road on loose traction surfaces such as snow. When in SNOW mode (depending on certain operating conditions), the transmission may use second gear (rather than first gear) during launches, to minimize wheel slippage.
- **Sport** — This mode alters the transmission's automatic shift schedule for sportier driving. Upshift speeds are increased to make full use of available engine power.

NOTE:
SPORT mode is not available when 4WD LOW is selected.

- **Sand/Mud** — Off road calibration for use on low traction surfaces such as mud, sand, or wet grass. Driveline is maximized for traction. Some binding may be felt on less forgiving surfaces. The electronic brake controls are set to limit traction control management of throttle and wheel spin.

- **Rock** — Off-road calibration only available in 4WD LOW range. Traction based tuning with improved steer-ability for use on high traction off-road surfaces. Use for low speed obstacles such as large rocks, deep ruts, etc.

NOTE:

- **Rock mode is only available on the vehicles equipped with the Off-Road package.**
- **Activate the Hill Descent Control or Selec Speed Control for steep downhill control. See "Electronic Brake Control System" in this section for further information.**

Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID) Display Messages

When the appropriate conditions exist, a message will appear in the EVIC/DID display. Refer to "Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID)" in "Understanding Your Instrument Panel" for further information.

ON-ROAD DRIVING TIPS

Utility vehicles have higher ground clearance and a narrower track to make them capable of performing in a wide variety of off-road applications. Specific design characteristics give them a higher center of gravity than ordinary cars.

An advantage of the higher ground clearance is a better view of the road, allowing you to anticipate problems. They are not designed for cornering at the same speeds as conventional two-wheel drive vehicles any more than low-slung sports cars are designed to perform satisfactorily in off-road conditions. If at all possible, avoid sharp turns or abrupt maneuvers. As with other vehicles of this type, failure to operate this vehicle correctly may result in loss of control or vehicle rollover.

OFF-ROAD DRIVING TIPS

When To Use 4WD LOW Range

When off-road driving, shift to 4WD LOW for additional traction and control on slippery or difficult terrain, ascending or descending steep hills, and to increase low-speed pulling power (refer to "All Wheel Drive and Four-Wheel Drive Operation" in this section for further details). This range should be limited to extreme situations such as deep snow, mud, or sand where additional low speed pulling power is needed. Vehicle speeds in excess of 25 mph (40 km/h) should be avoided when in 4WD LOW range.

Driving Through Water

Although your vehicle is capable of driving through water, there are a number of precautions that must be considered before entering the water:

CAUTION!

When driving through water, do not exceed 5 mph (8 km/h). Always check water depth before entering as a precaution, and check all fluids afterward. Driving through water may cause damage that may not be covered by the new vehicle limited warranty.

Driving through water more than a few inches/centimeters deep will require extra caution to ensure safety and prevent damage to your

vehicle. If you must drive through water, try to determine the depth and the bottom condition (and location of any obstacles) prior to entering. Proceed with caution and maintain a steady controlled speed less than 5 mph (8 km/h) in deep water to minimize wave effects.

Flowing Water

If the water is swift flowing and rising (as in storm run-off) avoid crossing until the water level recedes and/or the flow rate is reduced. If you must cross flowing-water, avoid depths in excess of 9 inches (22 cm). The flowing water can erode the streambed causing your vehicle to sink into deeper water. Determine exit point(s) that are downstream of your entry point to allow for drifting.

Standing Water

Avoid driving in standing water deeper than 20 inches (51 cm), and reduce speed appropriately to minimize wave effects. Maximum speed in 20 inches (51 cm) of water is less than 5 mph (8 km/h).

Maintenance

After driving through deep water, inspect your vehicle fluids and lubricants (engine, transmission, Power Transfer Unit and Rear Drive Module) to assure they have not been contaminated. Contaminated fluids and lubricants (milky, foamy in appearance) should be flushed/changed as soon as possible to prevent component damage.

Driving In Snow, Mud And Sand

In heavy snow, when pulling a load, or for additional control at slower speeds, shift the transmission to a low gear and shift the 4WD system to the appropriate terrain mode, using 4WD LOW if necessary. Refer to “Four-Wheel Drive Operation” in “Starting and Operating” for further information. Do not shift to a lower gear than necessary to maintain headway. Over-revving the engine can spin the wheels and traction will be lost.

Avoid abrupt downshifts on icy or slippery roads because engine braking may cause skidding and loss of control.

Hill Climbing

NOTE:

Before attempting to climb a hill, determine the conditions at the crest and/or on the other side.

Before climbing a steep hill, shift the transmission to a lower gear and shift the 4WD System to 4WD LOW. Use first gear and 4WD LOW for very steep hills.

If you stall or begin to lose headway while climbing a steep hill, allow your vehicle to come to a stop and immediately apply the brakes. Restart the engine and shift to REVERSE. Back slowly down the hill allowing the compression braking of the engine to help regulate your speed. If the brakes are required to control vehicle speed, apply them lightly and avoid locking or skidding the tires.

WARNING!

If the engine stalls or you lose headway or cannot make it to the top of a steep hill or grade, never attempt to turn around. To do so

(Continued)

WARNING! ***(Continued)***

may result in tipping and rolling the vehicle. Always back straight down a hill in REVERSE gear carefully. Never back down a hill in NEUTRAL using only the brake.

Remember, never drive diagonally across a hill - drive straight up or down.

If the wheels start to slip as you approach the crest of a hill, ease off the accelerator and maintain headway by turning the front wheels slowly left and right. This may provide a fresh “bite” into the surface and will usually provide traction to complete the climb.

Traction Downhill

Shift the transmission into a low gear and the 4WD System to 4WD LOW range or Select Hill Descent Control if equipped (refer to "Electronic Brake Control System" in this section for further information). Let the vehicle go slowly down the hill with all four wheels turning against engine compression drag. This will permit you to control the vehicle speed and direction.

When descending mountains or hills, repeated braking can cause brake fade with loss of braking control. Avoid repeated heavy braking by downshifting the transmission whenever possible.

After Driving Off-Road

Off-road operation puts more stress on your vehicle than does most on-road driving. After going off-road, it is always a good idea to check for damage. That way you can get any problems taken care of right away and have your vehicle ready when you need it.

- Completely inspect the underbody of your vehicle. Check tires, body structure, steering, suspension, and exhaust system for damage.
- Inspect the radiator for mud and debris and clean as required.
- Check threaded fasteners for looseness, particularly on the chassis, drivetrain components, steering, and suspension. Retighten them, if required, and torque to the values specified in the Service Manual.
- Check for accumulations of plants or brush. These things could be a fire hazard. They might hide damage to fuel lines, brake hoses, axle pinion seals, and propeller shafts.
- After extended operation in mud, sand, water, or similar dirty conditions, have the radiator, fan, brake rotors, wheels, brake linings, and axle yokes inspected and cleaned as soon as possible.

WARNING!

Abrasive material in any part of the brakes may cause excessive wear or unpredictable braking. You might not have full braking power when you need it to prevent a collision. If you have been operating your vehicle in dirty conditions, get your brakes checked and cleaned as necessary.

- If you experience unusual vibration after driving in mud, slush or similar conditions, check the wheels for impacted material. Impacted material can cause a wheel imbalance and freeing the wheels of it will correct the situation.

POWER STEERING

The electric power steering system will give you good vehicle response and increased ease of maneuverability in tight spaces. The system will vary its assist to provide light efforts while parking and good feel while driving. If the electric steering system experiences a fault that reduces assist or prevents the vehicle from providing assist, you will still have the ability to steer the vehicle manually.

WARNING!

Continued operation with reduced assist could pose a safety risk to yourself and others. Service should be obtained as soon as possible.

If the “SERVICE POWER STEERING" OR "POWER STEERING ASSIST OFF - SERVICE SYSTEM” message and a steering wheel icon are displayed on the EVIC/DID screen, it indicates that the vehicle needs to be taken to the dealer for service. It is likely the vehicle has lost power steering assistance. Refer to “Electronic Vehicle Information (EVIC) or "Driver Information Display (DID)” in “Understanding Your Instrument Panel” for further information.

If the “POWER STEERING SYSTEM HOT - PERFORMANCE MAY BE LIMITED” message and an icon are displayed on the EVIC/DID screen, it indicates that extreme steering maneuvers may have occurred, which caused an over temperature condition in the power steering system. You will lose power steering assistance momentarily until the over temperature condition no longer exists. Once driving conditions are safe, then pull over and let vehicle idle for a few moments until the light turns off. Refer to “Electronic Vehicle Information (EVIC)/Driver Information Display (DID)” in “Understanding Your Instrument Panel” for further information.

NOTE:

- **Even if the power steering assistance is no longer operational, it is still possible to steer the vehicle. Under these conditions there will be a substantial increase in steering effort, especially at low speeds and during parking maneuvers.**
- **If the condition persists, see your authorized dealer for service.**

ELECTRIC PARKING BRAKE (EPB)

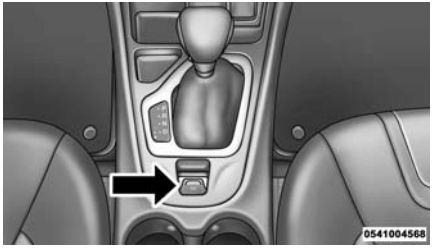
Your vehicle is equipped with an Electric Parking Brake System (EPB) that offers simple operation, and some additional features that make the parking brake more convenient and useful.

The parking brake is primarily intended to prevent the vehicle from rolling while parked. Before leaving the vehicle, make sure that the parking brake is applied. Also, be certain to leave the transmission in PARK.

You can engage the parking brake in two ways;

- Manually, by applying the park brake switch.
- Automatically, by enabling the Auto Park Brake feature in the customer programmable features section of the Uconnect® settings.

The parking brake switch is located in the center console.



Electric Parking Brake Switch

To apply the parking brake manually, pull up on the switch momentarily. You may hear a slight whirring sound from the back of the vehicle while the parking brake engages. Once the parking brake is fully engaged, the BRAKE warning lamp in the instrument cluster and an indicator on the switch will illuminate. If your foot is on the brake pedal while you apply the parking brake, you may notice a small amount of brake pedal movement. The park brake can be applied even when the ignition switch is OFF but the BRAKE warning lamp will not illuminate, however, it can only be released when the ignition switch is in the ON/RUN position.

NOTE:

The EPB fault lamp will illuminate if the EPB switch is held for longer than 20 seconds in either the released or applied position. The light will extinguish upon releasing the switch.

If the Auto Park Brake feature is enabled, the parking brake will automatically engage whenever the transmission is placed into PARK, or with a manual transmission, when the ignition switch is turned OFF. If your foot is on the brake pedal, you may notice a small amount of brake pedal movement while the parking brake is engaging.

The parking brake will release automatically when the ignition switch is ON, the transmission is in Drive or Reverse, the driver seat belt is buckled, and an attempt is made to drive away.

To release the park brake manually, the ignition switch must be in the ON/RUN position. Put your foot on the brake pedal, then push the parking brake switch down momentarily. You may hear a slight whirring sound from the back of the car while the parking brake disengages. You may also notice a small amount of movement in the brake pedal. Once the parking brake is fully disengaged, The BRAKE warning lamp in the instrument cluster and the LED indicator on the switch will extinguish.

NOTE:

When parking on a hill, it is important to turn the front wheels toward the curb on a downhill grade and away from the curb on an uphill grade. Apply the parking brake before placing the shift lever in PARK, otherwise the load on the transmission locking mechanism may make it difficult to move the shift lever out of PARK. The parking brake should always be applied whenever the driver is not in the vehicle.

WARNING!

- Never use the PARK position as a substitute for the parking brake. Always apply the parking brake fully when parked to guard against vehicle movement and possible injury or damage.

(Continued)

WARNING! ***(Continued)***

- When leaving the vehicle, always remove the Key Fob from the ignition and lock your vehicle.
- Never leave children alone in a vehicle, or with access to an unlocked vehicle. Allowing children to be in a vehicle unattended is dangerous for a number of reasons. A child or others could be seriously or fatally injured. Children should be warned not to touch the parking brake, brake pedal or the shift lever.
- Do not leave the Key Fob in or near the vehicle, or in a location accessible to children, and do not leave a vehicle equipped with Keyless Enter-N-Go™ in the ACC or ON/RUN mode. A child could operate power windows, other controls, or move the vehicle.
- Be sure the parking brake is fully disengaged before driving; failure to do so can lead to brake failure and a collision.

(Continued)

WARNING! ***(Continued)***

- Always fully apply the parking brake when leaving your vehicle, or it may roll and cause damage or injury. Also be certain to leave the transmission in PARK. Failure to do so may allow the vehicle to roll and cause damage or injury.

CAUTION!

If the Brake System Warning Light remains on with the parking brake released, a brake system malfunction is indicated. Have the brake system serviced by an authorized dealer immediately.

If exceptional circumstances should make it necessary to engage the parking brake while the vehicle is in motion, maintain upward pressure on the electric park brake switch for as long as engagement is desired. The Brake warning lamp will illuminate, and a continuous chime will sound. The rear stop lamps will also be illuminated automatically while the vehicle remains in motion. To disengage the parking brake while the vehicle is in motion, release the switch. If the vehicle is brought to a complete stop using the parking brake, when the vehicle reaches approximately 3 mph, (5 km/h) the parking brake will remain engaged.

WARNING!

Driving the vehicle with the parking brake engaged, or repeated use of the parking brake to slow the vehicle may cause serious damage to the brake system.

In the unlikely event of a malfunction of the Electric Park Brake system, a yellow EPB fault lamp will illuminate. This may be accompanied by the Brake warning lamp flashing. In this event, urgent service of the electric park brake system is required. Do not rely on the parking brake to hold the vehicle stationary.

Auto Park Brake

The electric park brake can be programmed to be applied automatically whenever the vehicle is at a standstill and the automatic transmission

is placed in PARK, or with a manual transmission, whenever the ignition switch is turned "OFF". Auto Park Brake is enabled and disabled by customer selection through the customer programmable features section of the Uconnect® Settings.

Any single auto park brake application can be bypassed by pressing the EPB switch to the release position while the transmission is placed in PARK.

Safehold

Safehold is a safety feature of the Electric Park Brake System that will engage the park brake automatically if the vehicle is left unsecured while the ignition switch is in RUN.

For automatic transmissions, the park brake will automatically engage if all of the following conditions are met:

- The vehicle is at a standstill.
- There is no attempt to depress the brake pedal or accelerator pedal.
- The seat belt is unbuckled.
- The driver door is open.

For manual transmissions, the park brake will automatically engage if all of the following conditions are met:

- The vehicle is at a standstill.
- There is no attempt to depress the brake pedal or accelerator pedal.
- The clutch pedal is not pressed.
- The seat belt is unbuckled.
- The driver door is open.

Safehold can be temporarily bypassed by pressing the Electric Park Brake Switch while the driver door is open. Once manually bypassed, Safehold will be enabled again once the vehicle reaches 12 mph (20 km/h) or the ignition is turned to the OFF position and back to ON again.

Brake Service Mode

We recommend having your brakes serviced by your authorized dealer. You should only make repairs for which you have the knowledge and the right equipment. You should only enter Brake Service Mode during brake service.

When servicing your rear brakes, it may be necessary for you or your technician to push the rear piston into the rear caliper bore. With the electric parking brake system, this can only be done after retracting the Electric Parking Brake actuator. Fortunately, actuator retraction can be done easily by entering the Brake Service Mode through the Uconnect® Settings in your vehicle. This menu based system will guide you through the steps necessary to retract the EPB actuator in order to perform rear brake service.

Service Mode has requirements that must be met in order to be activated:

- The vehicle must be at a standstill.
- The parking brake must be unapplied.
- The transmission must be in Park or Neutral.

While in service mode, the Electric Parking Brake fault lamp will flash continuously while the ignition switch is ON.

When brake service work is complete, the following steps must be followed to reset the parking brake system to normal operation:

- Ensure the vehicle is at a standstill.
- Press the brake pedal with moderate force.
- Apply the Electric Parking Brake Switch.

WARNING!

You can be badly injured working on or around a motor vehicle. Do only that service work for which you have the knowledge and the right equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

BRAKE SYSTEM

BRAKE

Your vehicle is equipped with dual hydraulic brake systems. If either of the two hydraulic systems loses normal capability, the remaining system will still function. However, there will be some loss of overall braking effectiveness. This will be evident by increased pedal travel during application and greater pedal force required to slow or stop the vehicle. In addition, if the malfunction is caused by a leak in the hydraulic system, the "Brake Warning Light" will turn on as the brake fluid level drops in the master cylinder.

In the event power assist is lost for any reason (i.e., repeated brake applications with the engine OFF) the brakes will still function. However, the effort required to brake the vehicle will be much greater than that required with the power system operating.

WARNING!

- Riding the brakes can lead to brake failure and possibly a collision. Driving with your foot resting or riding on the brake pedal can result in abnormally high brake temperatures, excessive lining wear, and possible brake damage. You would not have your full braking capacity in an emergency.

(Continued)

WARNING! ***(Continued)***

- Driving a vehicle with the "Brake Warning Light" on is dangerous. A significant decrease in braking performance or vehicle stability during braking may occur. It will take you longer to stop the vehicle or will make your vehicle harder to control. You could have a collision. Have the vehicle checked immediately.

ELECTRONIC BRAKE CONTROL SYSTEM

Your vehicle is equipped with an advanced electronic brake control system commonly referred to as ESC. This system includes Anti-Lock Brake System (ABS), Traction Control System (TCS), Brake Assist System (BAS), Hill Start Assist (HSA), Electronic Roll Mitigation (ERM), and Electronic Stability Control (ESC). These systems work together to enhance both vehicle stability and control in various driving conditions.

Your vehicle is also equipped with Trailer Sway Control (TSC), Ready Alert Braking (RAB) and Rain Brake Support (RBS). Further, all vehicles equipped with a two-speed power transfer unit have Hill Descent Control (HDC) and some vehicles may also be equipped with Selec Speed Control (SSC).

Anti-Lock Brake System (ABS)

The Anti-Lock Brake System (ABS) is designed to aid the driver in maintaining vehicle control under adverse braking conditions. The system operates with a separate computer to modulate hydraulic pressure, to prevent wheel lock-up and help avoid skidding on slippery surfaces.

All vehicle wheels and tires must be the same size and type, and tires must be properly inflated, to produce accurate signals for the computer.

WARNING!

Significant over or underinflation of tires or mixing sizes of tires or wheels on the vehicle can lead to loss of braking effectiveness.

The ABS conducts a low-speed self-test at about 12 mph (20 km/h). If you have your foot lightly on the brake while this test is occurring, you may feel slight pedal movement. The movement can be more apparent on ice and snow. This is normal.

The ABS pump motor runs during the self-test at 12 mph (20 km/h) and during an ABS stop. The pump motor makes a low humming noise during operation, which is normal.

WARNING!

- Pumping of the Anti-Lock Brakes will diminish their effectiveness and may lead to a collision. Pumping makes the stopping distance longer. Just press firmly on your brake pedal when you need to slow down or stop.

(Continued)

WARNING! ***(Continued)***

- The ABS cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase braking or steering efficiency beyond that afforded by the condition of the vehicle brakes and tires or the traction afforded.
- The ABS cannot prevent collisions, including those resulting from excessive speed in turns, following another vehicle too closely, or hydroplaning.
- The capabilities of an ABS equipped vehicle must never be exploited in a reckless or dangerous manner, which could jeopardize the user's safety or the safety of others.

CAUTION!

The ABS is subject to possible detrimental effects of electronic interference caused by improperly installed aftermarket radios or telephones.

NOTE:
During severe braking conditions, a pulsing sensation may occur and a clicking noise will be heard. This is normal, indicating that the ABS is functioning.

- Do not “ride” the brakes by resting your foot on the pedal. This could overheat the brakes and result in unpredictable braking action, longer stopping distances, or brake damage.
- When descending mountains or hills, repeated braking can cause brake fade with loss of braking control. Avoid repeated heavy braking by downshifting the transmission or locking out overdrive whenever possible.
- Engines may idle at higher speeds during warm-up, which could cause rear wheels to spin and result in loss of vehicle control. Be especially careful while driving on slippery roads, in close-quarter maneuvering, parking, or stopping.
- Do not drive too fast for road conditions, especially when roads are wet or slushy. A wedge of water can build up between the tire tread and the road. This hydroplaning action can cause loss of traction, braking ability, and control.
- After going through deep water or a car wash, brakes may become wet, resulting in decreased performance and unpredictable braking action. Dry the brakes by gentle, intermittent pedal action while driving at very slow speeds.

Traction Control System (TCS)

This system monitors the amount of wheel spin of each of the driven wheels. If wheel spin is detected, brake pressure is applied to the slipping wheel(s) and engine power is reduced to provide enhanced acceleration and stability. A feature of the TCS system, Brake Limited Differential (BLD), functions similar to a limited slip differential and controls the wheel spin across a driven axle. If one wheel on a driven axle is spinning faster than the other, the system will apply the brake of the spinning wheel. This will allow more engine torque to be applied to the wheel that is not spinning. This feature remains active even if TCS and ESC are in the “Partial Off” mode or the “Full Off” mode. Refer to “Electronic Stability Control (ESC)” in this section for further information.

Brake Assist System (BAS)

The BAS is designed to optimize the vehicle’s braking capability during emergency braking maneuvers. The system detects an emergency braking situation by sensing the rate and amount of brake application and then applies optimum pressure to the brakes. This can help reduce braking distances. The BAS complements the anti-lock brake system (ABS). Applying the brakes very quickly results in the best BAS assistance. To receive the benefit of the system, you must apply continuous braking pressure during the stopping sequence, (do not “pump” the brakes). Do not reduce brake pedal pressure unless braking is no longer desired. Once the brake pedal is released, the BAS is deactivated.

WARNING!

The Brake Assist System (BAS) cannot prevent the natural laws of physics from acting

(Continued)

WARNING! *(Continued)*

on the vehicle, nor can it increase the traction afforded by prevailing road conditions. BAS cannot prevent collisions, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. The capabilities of a BAS-equipped vehicle must never be exploited in a reckless or dangerous manner, which could jeopardize the user's safety or the safety of others.

Electronic Roll Mitigation (ERM)

This system anticipates the potential for wheel lift by monitoring the driver's steering wheel input and the speed of the vehicle. When ERM determines that the rate of change of the steering wheel angle and vehicle's speed are sufficient to potentially cause wheel lift, it then applies the appropriate brake and may also reduce engine power to lessen the chance that wheel lift will occur. ERM will only intervene during very severe or evasive driving maneuvers. ERM can only reduce the chance of wheel lift occurring during severe or evasive driving maneuvers. It cannot prevent wheel lift due to other factors, such as road conditions, leaving the roadway, or striking objects or other vehicles.

NOTE:

ERM is disabled anytime the ESC is in "Full Off" mode. Refer to Electronic Stability Control (ESC) for a complete explanation of the available ESC modes.

WARNING!

Many factors, such as vehicle loading, road conditions, and driving conditions, influence the chance that wheel lift or rollover may occur. Electronic Roll Mitigation (ERM) cannot prevent all wheel lift or rollovers, especially those that involve leaving the roadway or striking objects or other vehicles. The capabilities of an ERM-equipped vehicle must never be exploited in a reckless or dangerous manner, which could jeopardize the user's safety or the safety of others.

Hill Start Assist (HSA)

The HSA system is designed to help the driver accelerate the vehicle from a complete stop while on an incline. If the driver releases the brake while stopped on an incline, HSA will continue to hold the brake pressure for a short period. If the driver does not apply the throttle before this time expires, the system will release brake pressure and the vehicle will roll down the hill as normal. The system will release brake pressure in proportion to amount of throttle applied.

The following conditions must be met in order for HSA to activate:

- The vehicle must be stopped.
- The vehicle must be on a 7% (approximate) grade or greater hill.
- The gear selection must match vehicle uphill direction (i.e., vehicle facing uphill is in forward gear; vehicle backing uphill is in REVERSE gear).
- For vehicles equipped with an automatic transmission, the HSA will work in REVERSE gear and all forward gears. The system will not activate if the transmission is in PARK.

WARNING!

There may be situations where the Hill Start Assist (HSA) will not activate and slight rolling may occur, such as on minor hills or with a loaded vehicle, or while pulling a trailer. HSA is not a substitute for active driving involvement. It is always the driver's responsibility to be attentive to distance to other vehicles, people, and objects, and most importantly brake operation to ensure safe operation of the vehicle under all road conditions. Your complete attention is always required while driving to maintain safe control of your vehicle. Failure to follow these warnings can result in a collision or serious personal injury.

Towing With HSA

HSA will provide assistance during acceleration on an incline while towing a trailer.

WARNING!

- If you use a trailer brake controller with your trailer, the trailer brakes may be activated and deactivated with the brake switch. If so, there may not be enough brake pressure to hold both the vehicle and the trailer on a hill when the brake pedal is released. In order to avoid rolling down an incline while resuming acceleration, manually activate the trailer brake or apply more vehicle brake pressure prior to releasing the brake pedal.
- HSA is not a parking brake. Always apply the parking brake fully when leaving your vehicle. Also, be certain to leave the transmission in PARK.
- Failure to follow these warnings can result in a collision or serious personal injury.

Disabling And Enabling HSA

If you wish to turn off the HSA system, it can be done using the Uconnect® Access Settings. Refer to "Uconnect® Access Settings" in "Understanding Your Instrument Panel" for further information.

Hill Descent Control (HDC) — If Equipped

Hill Descent Control

HDC is intended for low speed off road driving while in 4WD Low Range. HDC maintains vehicle speed while descending hills during vari-

ous driving situations. HDC controls vehicle speed by actively controlling the brakes.

HDC has three states:

1. Off (feature is not enabled and will not activate)
2. Enabled (feature is enabled and ready but activation conditions are not met, or driver is actively overriding with brake or throttle application)
3. Active (feature is enabled and actively controlling vehicle speed)

Enabling HDC

HDC is enabled by pressing the HDC switch, but the following conditions must also be met to enable HDC:

- Driveline is in 4WD Low Range
- Vehicle speed is below 5mph (8 km/h)
- Parking brake is released
- Driver door is closed

Activating HDC

Once HDC is enabled it will activate automatically if driven down a grade of sufficient magnitude (greater than approximately 8%). The set speed for HDC is selectable by the driver, and can be adjusted by using the gear shift lever. The following summarizes the HDC set speeds:

- P = No set speed. HDC may be enabled but will not activate
- R = 0.6 mph (1 km/h)
- N = 1.2 mph (2 km/h)
- D = 0.6 mph (1 km/h)
- 1st = 0.6 mph (1 km/h)
- 2nd = 1.2 mph (2 km/h)
- 3rd = 1.8 mph (3 km/h)
- 4th = 2.5 mph (4 km/h)
- 5th = 3.1 mph (5 km/h)
- 6th = 3.7 mph (6 km/h)
- 7th = 4.3 mph (7 km/h)
- 8th = 5.0 mph (8 km/h)
- 9th = 5.6 mph (9 km/h)

NOTE:

- **During HDC the ERS +/- shifter input is used for HDC target speed selection but will not affect the gear chosen by the transmission. During HDC the transmission will shift appropriately for the driver-selected set speed and corresponding driving conditions.**
- **HDC performance is influenced by the Terrain Select mode. This difference may be notable to the driver and may be perceived as a varying level of aggressiveness.**

Driver Override:

The driver may override HDC activation with throttle or brake application at anytime.

Deactivating HDC

HDC will be deactivated but remain available if any of the following conditions occur:

- Driver overrides HDC set speed with throttle or brake application.
- Vehicle speed exceeds 20 mph (32 km/h) but remains below 40 mph (64 km/h).
- Vehicle is on a downhill grade of insufficient magnitude (less than approximately 8%), is on level ground, or is on an uphill grade.
- Vehicle is shifted to park.

Disabling HDC

HDC will be deactivated and disabled if any of the following conditions occur:

- The driver presses the HDC switch.
- The driveline is shifted out of 4WD Low Range.
- The parking brake is applied.
- Driver door opens.
- The vehicle is driven greater than 20 mph (32 km/h) for greater than 70 seconds.
- The vehicle is driven greater than 40 mph (64 km/h) (HDC exits immediately.)

Feedback to the driver:

The instrument cluster has an HDC icon and the HDC switch has an LED which offer feedback to the driver about the state HDC is in.

- The cluster icon and switch lamp will illuminate and remain on solid when HDC is enabled or activated. This is the normal operating condition for HDC.
- The cluster icon and switch lamp will flash for several seconds then extinguish when the driver presses the HDC switch when the enable conditions have not been met.
- The cluster icon and switch lamp will flash for several seconds then extinguish when HDC deactivates due to excess speed.
- The cluster icon and switch lamp will flash when HDC deactivates due to overheated brakes. The flashing will stop and HDC will activate again once the brakes have cooled sufficiently.

The Hill Descent Switch is located within the Selec-Terrain knob in the upper right position.

WARNING!

HDC is only intended to assist the driver in controlling vehicle speed when descending hills. The driver must remain attentive to the driving conditions and is responsible for maintaining a safe vehicle speed.

Selec Speed Control (SSC) — If Equipped

Selec Speed Control Switch

SSC is intended for off road driving in 4WD Low Range only. SSC maintains vehicle speed by actively controlling engine torque and brakes.

SSC has three states:

1. Off (feature is not enabled and will not activate)
2. Enabled (feature is enabled and ready but activation conditions are not met, or driver is actively overriding with brake or throttle application)
3. Active (feature is enabled and actively controlling vehicle speed)

Enabling SSC

SSC is enabled by pressing the SSC switch, but the following conditions must also be met to enable SSC:

- Driveline is in 4WD Low Range
- Vehicle speed is below 5 mph (8 km/h)
- Parking brake is released
- Driver door is closed
- Driver is not applying throttle

Activating SSC

Once SSC is enabled it will activate automatically once the following conditions are met:

- Driver releases throttle
- Driver releases brake
- Transmission is in any selection other than P
- Vehicle speed is below 20 mph (32 km/h)

The set speed for SSC is selectable by the driver, and can be adjusted by using the gear shift lever. Additionally, the SSC set speed is automatically reduced when climbing a grade and the level of set speed reduction depends on the magnitude of grade. The following summarizes the SSC set speeds:

4WD Low Range Set Speeds

- 1st = .6 mph (1 km/h)
- 2nd = 1.2 mph (2 km/h)
- 3rd = 4 mph (3 km/h)
- 4th = 2.5 mph (4 km/h)
- 5th = 3.1 mph (5 km/h)
- 6th = 3.7 mph (6 km/h)
- 7th = 4.3 mph (7 km/h)
- 8th = 5 mph (8 km/h)
- 9th = 5.6 mph (9 km/h)
- REVERSE = .6 mph (1 km/h)

- NEUTRAL = 1.2 mph (2 km/h)
- PARK = SSC remains enabled but not active

NOTE:

- **These SSC default set speeds are dependent on hill grade. That is the steeper the grade of the hill the vehicle travels on the lower the values of the set speed will be for all listed gears, with the minimal value being .6 mph (1 km/h).**
- **During SSC the ERS +/- shifter input is used for SSC target speed selection but will not affect the gear chosen by the transmission. During SSC the transmission will shift appropriately for the driver-selected set speed and corresponding driving conditions.**
- **SSC performance is influenced by the Terrain Select mode. This difference may be notable to the driver and may be perceived as a varying level of aggressiveness.**

Driver Override:

The driver may override SSC activation with throttle or brake application at any time.

Deactivating SSC

SSC will be deactivated but remain available if any of the following conditions occur:

- Driver overrides SSC set speed with throttle or brake application.
- Vehicle speed exceeds 20 mph (32 km/h) but remains below 40 mph (64 km/h).
- Vehicle is shifted to park.

Disabling SSC

SSC will deactivate and be disabled if any of the following conditions occur:

- The driver presses the SSC switch.
- The driveline is shifted out of 4WD Low Range.
- The parking brake is applied.
- Driver door opens.
- The vehicle is driven greater than 20 mph (32 km/h) for greater than 70 seconds.
- The vehicle is driven greater than 40 mph (64 km/h) (SSC exits immediately).

Feedback To The Driver:

The instrument cluster has an SSC icon and the SSC switch has an LED which offer feedback to the driver about the state SSC is in.

- The cluster icon and switch lamp will illuminate and remain on solid when SSC is enabled or activated. This is the normal operating condition for SSC.
- The cluster icon and switch lamp will flash for several seconds then extinguish when the driver presses the SSC switch but enable conditions are not met.
- The cluster icon and switch lamp will flash for several seconds then extinguish when SSC deactivates due to excess speed.
- The cluster icon and switch lamp will flash then extinguish when SSC deactivates due to overheated brakes.

WARNING!

SSC is only intended to assist the driver in controlling vehicle speed when driving in off road conditions. The driver must remain attentive to the driving conditions and is responsible for maintaining a safe vehicle speed.

Electronic Stability Control (ESC)

This system enhances directional control and stability of the vehicle under various driving conditions. ESC corrects for oversteering or understeering of the vehicle by applying the brake of the appropriate wheel to assist in counteracting the oversteer or understeer condition. Engine power may also be reduced to help the vehicle maintain the desired path.

ESC uses sensors in the vehicle to determine the vehicle path intended by the driver and compares it to the actual path of the vehicle. When the actual path does not match the intended path, ESC applies the brake of the appropriate wheel to assist in counteracting the oversteer or understeer condition.

- Oversteer - when the vehicle is turning more than appropriate for the steering wheel position.
- Understeer - when the vehicle is turning less than appropriate for the steering wheel position.

The "ESC Activation/Malfunction Indicator Light" located in the instrument cluster will start to flash as soon as the tires lose traction and the ESC system becomes active. The "ESC Activation/Malfunction Indicator Light" also flashes when the TCS is active. If the "ESC Activation/Malfunction Indicator Light" begins to flash during acceleration, ease up on the accelerator and apply as little throttle as possible. Be sure to adapt your speed and driving to the prevailing road conditions.

WARNING!

The Electronic Stability Control (ESC) cannot prevent the natural laws of physics from acting on the vehicle, nor can it increase the traction afforded by prevailing road condi-

(Continued)

WARNING! ***(Continued)***

tions. ESC cannot prevent collisions, including those resulting from excessive speed in turns, driving on very slippery surfaces, or hydroplaning. ESC also cannot prevent collisions resulting from loss of vehicle control due to inappropriate driver input for the conditions. Only a safe, attentive, and skillful driver can prevent collisions. The capabilities of an ESC equipped vehicle must never be exploited in a reckless or dangerous manner which could jeopardize the user's safety or the safety of others.

ESC Operating Modes

Depending upon model and mode of operation, the ESC system has up to three operating modes: "ESC On" "Partial Off," and "Full Off."

ESC On — Two-Wheel Drive Vehicles And Four-Wheel Drive Vehicles In 2WD And 4WD High Range

This is the normal operating mode for ESC when operating a two-wheel drive vehicle. It is

also the normal mode for operating a four-wheel drive vehicle in 2WD or 4WD HIGH range. The ESC system will be in “ESC On” mode whenever the vehicle is started or the power transfer unit (if equipped) is shifted out of 4WD LOW range. This mode should be used for most driving situations. ESC should only be turned to “Partial Off” or “Full Off” for specific reasons as noted. Refer to “Partial Off” and to “Full Off” for additional information.

Partial Off — Two-Wheel Drive Vehicles And Four-Wheel Drive Vehicles In 2WD And 4WD High Range

The “Partial Off” mode is intended for driving in deep snow, sand, or gravel. This mode raises the threshold for TCS and ESC activation, which allows for more wheel spin than what ESC normally allows.

The “ESC Off” button is located in the lower switch bank above the climate control. To enter the “Partial Off” mode, momentarily press the “ESC Off” button and the "ESC Off" indicator light will illuminate. To turn the ESC on again, momentarily press the "ESC OFF" button and the "ESC Off" indicator light will turn off. This will restore the normal “ESC On” mode of operation.

WARNING!

- When in “Partial Off” mode, the TCS functionality of ESC, (except for the limited slip feature described in the TCS section), has been disabled and the “ESC Off Indicator Light” will be illuminated. When in “Partial Off” mode, the engine power reduction feature of TCS is disabled, and the enhanced vehicle stability offered by the ESC system is reduced.
- Trailer Sway Control (TSC) is disabled when the ESC system is in the "Partial Off" mode.

NOTE:

To improve the vehicle’s traction when driving with snow chains, or when starting off in deep snow, sand, or gravel, it may be desirable to switch to the “Partial Off” mode by momentarily pressing the “ESC Off” button. Once the situation requiring “Partial Off” mode is overcome, turn ESC back on by momentarily pressing the “ESC Off” button. This may be done while the vehicle is in motion.

Full Off — Four-Wheel Drive Vehicles In 4WD High And 4WD Low Range

The “Full Off” mode is intended for off-highway and off-road use when ESC stability features could inhibit vehicle maneuverability due to trail conditions.

The “ESC Off” button is located in the lower switch bank above the climate control panel. To enter “Full Off” mode, press and hold the “ESC Off” button for five seconds while the vehicle is stopped with the engine running. After five seconds, the "ESC Off" indicator light will illuminate and an “ESC Off” message will appear in the odometer.

In this mode, ESC and TCS are turned off (except for the “limited slip” feature described in the TCS section) until the vehicle reaches a speed of 40 mph (64 km/h). At speeds over 40 mph (64 km/h), the system automatically switches to “Partial Off” mode, described above. When the vehicle speed returns to less than 35 mph (56 km/h), the ESC system will return to “Full Off” mode. The "ESC OFF" indicator light is always illuminated when ESC is off. To turn ESC on again, momentarily press the “ESC Off” button. This will restore the normal “ESC On” mode of operation.

WARNING!

With the ESC switched off, the engine torque reduction and stability features are disabled. Therefore, enhanced vehicle stability offered by ESC is unavailable. In an emergency evasive maneuver, the ESC system will not engage to assist in maintaining stability. “Full Off” mode is only intended for off-highway or off-road use.

NOTE:

- **“Full Off” is the only operating mode for ESC in 4WD LOW range. The ESC system will be in this mode whenever the vehicle is started in 4WD LOW range or the power transfer unit is shifted into 4WD LOW range.**
- **The “ESC OFF” message will display and a chime will sound when the shift lever is moved from any position to the PARK position and then moved out of the PARK position. This will occur even if the message was cleared previously.**

ESC Activation/Malfunction Indicator Light And ESC OFF Indicator Light

The “ESC Activation/Malfunction Indicator Light” in the instrument cluster will come on when the ignition switch is turned to the ON position. It should go out with the engine running. If the “ESC Activation/Malfunction Indicator Light” comes on continuously with the engine running, a malfunction has been detected in the ESC system. If this light remains on after several ignition cycles, and the vehicle has been driven several miles/kilometers at speeds greater than 30 mph (48 km/h), see your authorized dealer as soon as possible to have the problem diagnosed and corrected.

The “ESC Activation/Malfunction Indicator Light” (located in the instrument cluster) starts to flash as soon as the tires lose traction and the ESC system becomes active. The “ESC Activation/Malfunction Indicator Light” also flashes when TCS is active. If the “ESC Activation/Malfunction Indicator Light” begins to flash during acceleration, ease up on the accelerator and apply as little throttle as possible. Be sure to adapt your speed and driving to the prevailing road conditions.

NOTE:

- **The “ESC Activation/Malfunction Indicator Light” and the “ESC OFF Indicator Light” come on momentarily each time the ignition switch is turned ON.**

- **Each time the ignition is turned ON, the ESC system will be ON even if it was turned off previously.**
- **The ESC system will make buzzing or clicking sounds when it is active. This is normal; the sounds will stop when ESC becomes inactive following the maneuver that caused the ESC activation.**

The "ESC OFF Indicator Light" indicates the Electronic Stability Control (ESC) is partially off or full off.

Trailer Sway Control (TSC)

The TSC system uses sensors in the vehicle to recognize an excessively swaying trailer and will take the appropriate actions to attempt to stop the sway. The system may reduce engine power and apply the brake of the appropriate wheel(s) to counteract the sway of the trailer. TSC will become active automatically once an excessively swaying trailer is recognized.

Always use caution when towing a trailer and follow the trailer tongue weight recommendations. When TSC is functioning, the "ESC Activation/Malfunction Indicator Light" will flash, the engine power may be reduced and you may feel the brakes being applied to individual wheels to attempt to stop the trailer from swaying. TSC is only active in the default "ESC On" mode. TSC can be disabled by pressing the "ESC Off" switch and entering "ESC Partial Off" mode. It is not active in the "ESC Partial Off" or "ESC Full Off" modes. Refer to the ESC portion of this section for an explanation of the different ESC operating modes.

NOTE:
TSC cannot stop all trailers from swaying.

WARNING!

If the TSC activates while driving, slow the vehicle down, stop at the nearest safe location, and adjust the trailer load to eliminate trailer sway.

Ready Alert Braking (RAB)

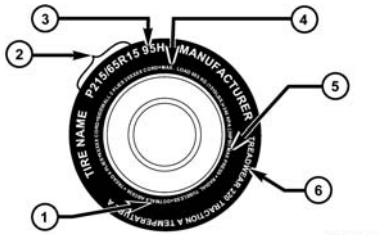
Ready Alert Braking may reduce the time required to reach full braking during emergency braking situations. It anticipates when an emergency braking situation may occur by monitoring how fast the throttle is released by the driver. When the throttle is released very quickly, Ready Alert Braking applies a small amount of brake pressure. This brake pressure will not be noticed by the driver. The brake system uses this brake pressure to allow a fast brake response if the driver applies the brakes.

Rain Brake Support (RBS)

Rain Brake Support may improve braking performance in wet conditions. It will periodically apply a small amount of brake pressure to remove any water buildup on the front brake rotors. It is triggered by the windshield wiper setting and only functions when they are in use. When Rainy Brake Support is active, there is no notification to the driver and no driver interaction is required.

TIRE SAFETY INFORMATION

Tire Markings



1 — U.S. DOT Safety Standards Code (TIN)
2 — Size Designation
3 — Service Description
4 — Maximum Load
5 — Maximum Pressure
6 — Treadwear, Traction and Temperature Grades

NOTE:

- **P (Passenger) — Metric tire sizing is based on U.S. design standards. P-Metric tires have the letter "P" molded into the sidewall preceding the size designation. Example: P215/65R15 95H.**
- **European — Metric tire sizing is based on European design standards. Tires designed to this standard have the tire size molded into the sidewall beginning with the section width. The letter ″P″ is absent from this tire size designation. Example: 215/65R15 96H.**
- **LT (Light Truck) — Metric tire sizing is based on U.S. design standards. The size designation for LT-Metric tires is the same as for P-Metric tires except for the letters "LT" that are molded into the sidewall preceding the size designation. Example: LT235/85R16.**
- **Temporary spare tires are designed for temporary emergency use only. Temporary high pressure compact spare tires have the letter "T" or "S" molded into the sidewall preceding the size designation. Example: T145/80D18 103M.**
- **High flotation tire sizing is based on U.S. design standards and it begins with the tire diameter molded into the sidewall. Example: 31x10.5 R15 LT.**

Tire Sizing Chart

EXAMPLE:

Example Size Designation: P215/65R15XL 95H, 215/65R15 96H, LT235/85R16C, T145/80D18 103M, 31x10.5 R15 LT
P = Passenger car tire size based on U.S. design standards, or *"**....blank....**"* = Passenger car tire based on European design standards, or **LT** = Light truck tire based on U.S. design standards, or **T or S** = Temporary spare tire or **31** = Overall diameter in inches (in)
215, 235, 145 = Section width in millimeters (mm)
65, 85, 80 = Aspect ratio in percent (%) – Ratio of section height to section width of tire, or **10.5** = Section width in inches (in)
R = Construction code – "R" means radial construction, or – "D" means diagonal or bias construction
15, 16, 18 = Rim diameter in inches (in)

EXAMPLE:

Service Description:

95 = Load Index

– A numerical code associated with the maximum load a tire can carry

H = Speed Symbol

– A symbol indicating the range of speeds at which a tire can carry a load corresponding to its load index under certain operating conditions

– The maximum speed corresponding to the speed symbol should only be achieved under specified operating conditions (i.e., tire pressure, vehicle loading, road conditions, and posted speed limits)

Load Identification:

Absence of the following load identification symbols on the sidewall of the tire indicates a Standard Load (SL) tire:

- **XL** = Extra load (or reinforced) tire, or
- **LL** = Light load tire or
- **C, D, E, F, G** = Load range associated with the maximum load a tire can carry at a specified pressure

Maximum Load – Maximum load indicates the maximum load this tire is designed to carry

Maximum Pressure – Maximum pressure indicates the maximum permissible cold tire inflation pressure for this tire

Tire Identification Number (TIN)

The TIN may be found on one or both sides of the tire, however, the date code may only be on one side. Tires with white sidewalls will have the full TIN, including the date code, located on the white sidewall side of the tire. Look for the TIN on the outboard side of black sidewall tires as mounted on the vehicle. If the TIN is not found on the outboard side, then you will find it on the inboard side of the tire.

EXAMPLE:
DOT MA L9 ABCD 0301
DOT = Department of Transportation – This symbol certifies that the tire is in compliance with the U.S. Department of Transportation tire safety standards and is approved for highway use
MA = Code representing the tire manufacturing location (two digits)
L9 = Code representing the tire size (two digits)
ABCD = Code used by the tire manufacturer (one to four digits)
03 = Number representing the week in which the tire was manufactured (two digits) – 03 means the 3rd week
01 = Number representing the year in which the tire was manufactured (two digits) – 01 means the year 2001 – Prior to July 2000, tire manufacturers were only required to have one number to represent the year in which the tire was manufactured. Example: 031 could represent the 3rd week of 1981 or 1991

Tire Terminology And Definitions

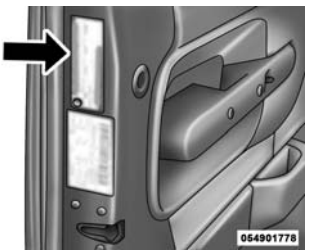
Term	Definition
B-Pillar	The vehicle B-Pillar is the structural member of the body located behind the front door.
Cold Tire Inflation Pressure	Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. Inflation pressure is measured in units of PSI (pounds per square inch) or kPa (kilopascals).
Maximum Inflation Pressure	The maximum inflation pressure is the maximum permissible cold tire inflation pressure for this tire. The maximum inflation pressure is molded into the sidewall.
Recommended Cold Tire Inflation Pressure	Vehicle manufacturer's recommended cold tire inflation pressure as shown on the tire placard.
Tire Placard	A label permanently attached to the vehicle describing the vehicle's loading capacity, the original equipment tire sizes and the recommended cold tire inflation pressures.

Tire Loading And Tire Pressure

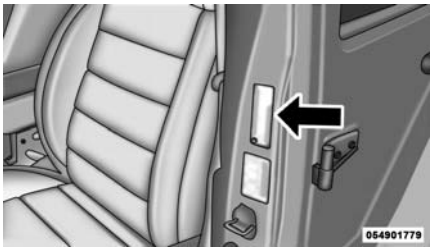
Tire And Loading Information Placard Location

NOTE:

The proper cold tire inflation pressure is listed on the driver's side B-Pillar or the rear edge of the driver's side door.

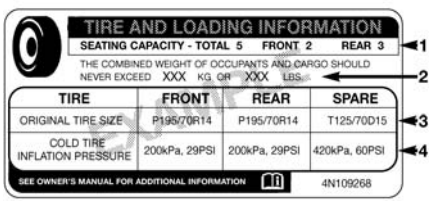


Example Tire Placard Location (Door)



Example Tire Placard Location (B-Pillar)

Tire And Loading Information Placard



Tire And Loading Information Placard

This placard tells you important information about the:

1. Number of people that can be carried in the vehicle.
2. Total weight your vehicle can carry.
3. Tire size designed for your vehicle.
4. Cold tire inflation pressures for the front, rear, and spare tires.

Loading

The vehicle maximum load on the tire must not exceed the load carrying capacity of the tire on your vehicle. You will not exceed the tire's load carrying capacity if you adhere to the loading conditions, tire size, and cold tire inflation pressures specified on the Tire and Loading Information placard and in the "Vehicle Loading" section of this manual.

NOTE:

Under a maximum loaded vehicle condition, gross axle weight ratings (GAWRs) for the front and rear axles must not be exceeded. For further information on GAWRs, vehicle loading, and trailer towing, refer to "Vehicle Loading" in this section.

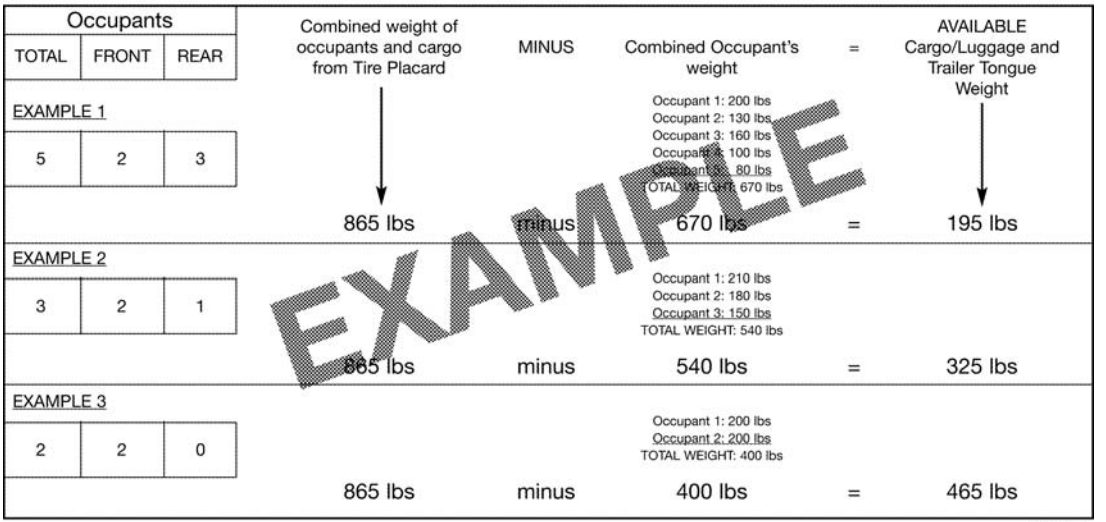
To determine the maximum loading conditions of your vehicle, locate the statement "The combined weight of occupants and cargo should never exceed XXX lbs or XXX kg" on the Tire and Loading Information placard. The combined weight of occupants, cargo/luggage and trailer tongue weight (if applicable) should never exceed the weight referenced here.

Steps For Determining Correct Load Limit

1. Locate the statement "The combined weight of occupants and cargo should never exceed XXX lbs or XXX kg" on your vehicle's placard.
2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX lbs or XXX kg.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if "XXX" amount equals 1,400 lbs (635 kg) and there will be five 150 lb (68 kg) passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs (295 kg) (since 5 x 150 lbs (68 kg) = 750 lbs (340 kg), and 1400 lbs (635 kg) – 750 lbs (340 kg) = 650 lbs [295 kg]).
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in step 4.

NOTE:

- **If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. The following table shows examples on how to calculate total load, cargo/luggage, and towing capacities of your vehicle with varying seating configurations and number and size of occupants. This table is for illustration purposes only and may not be accurate for the seating and load carry capacity of your vehicle.**
- **For the following example, the combined weight of occupants and cargo should never exceed 865 lbs (392 kg).**


Occupants
TOTAL
FRONT
REAR
Combined weight of occupants and cargo from Tire Placard
MINUS
Combined Occupant's weight
=
AVAILABLE Cargo/Luggage and Trailer Tongue Weight
EXAMPLE 1
5
2
3
Occupant 1: 200 lbs
Occupant 2: 130 lbs
Occupant 3: 160 lbs
Occupant 4: 100 lbs
Occupant 5: 80 lbs
TOTAL WEIGHT: 670 lbs
865 lbs
minus
670 lbs
=
195 lbs
EXAMPLE 2
3
2
1
Occupant 1: 210 lbs
Occupant 2: 180 lbs
Occupant 3: 150 lbs
TOTAL WEIGHT: 540 lbs
865 lbs
minus
540 lbs
=
325 lbs
EXAMPLE 3
2
2
0
Occupant 1: 200 lbs
Occupant 2: 200 lbs
TOTAL WEIGHT: 400 lbs
865 lbs
minus
400 lbs
=
465 lbs
EXAMPLE

811a4d11

WARNING!

Overloading of your tires is dangerous. Overloading can cause tire failure, affect vehicle handling, and increase your stopping distance. Use tires of the recommended load capacity for your vehicle. Never overload them.

TIRES — GENERAL INFORMATION

Tire Pressure

Proper tire inflation pressure is essential to the safe and satisfactory operation of your vehicle. Four primary areas are affected by improper tire pressure:

- Safety and Vehicle Stability
- Economy
- Tread Wear
- Ride Comfort

Safety

WARNING!

- Improperly inflated tires are dangerous and can cause collisions.
- Under-inflation increases tire flexing and can result in overheating and tire failure.
- Over-inflation reduces a tire's ability to cushion shock. Objects on the road and chuckholes can cause damage that result in tire failure.
- Overinflated or under-inflated tires can affect vehicle handling and can fail suddenly, resulting in loss of vehicle control.
- Unequal tire pressures can cause steering problems. You could lose control of your vehicle.
- Unequal tire pressures from one side of the vehicle to the other can cause the vehicle to drift to the right or left.
- Always drive with each tire inflated to the recommended cold tire inflation pressure.

Both under-inflation and over-inflation affect the stability of the vehicle and can produce a feeling of sluggish response or over responsiveness in the steering.

NOTE:

- **Unequal tire pressures from side to side may cause erratic and unpredictable steering response.**
- **Unequal tire pressure from side to side may cause the vehicle to drift left or right.**

Economy

Underinflated tires will increase tire rolling resistance resulting in higher fuel consumption.

Tread Wear

Improper cold tire inflation pressures can cause abnormal wear patterns and reduced tread life, resulting in the need for earlier tire replacement.

Ride Comfort And Vehicle Stability

Proper tire inflation contributes to a comfortable ride. Over-inflation produces a jarring and uncomfortable ride.

Tire Inflation Pressures

The proper cold tire inflation pressure is listed on the driver's side B-Pillar or rear edge of the driver's side door.

At least once a month:

- Check and adjust tire pressure with a good quality pocket-type pressure gauge. Do not make a visual judgement when determining proper inflation. Tires may look properly inflated even when they are under-inflated.
- Inspect tires for signs of tire wear or visible damage.

CAUTION!

After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the valve stem.

Inflation pressures specified on the placard are always "cold tire inflation pressure." Cold tire inflation pressure is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after sitting for a minimum of three hours. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall.

Check tire pressures more often if subject to a wide range of outdoor temperatures, as tire pressures vary with temperature changes.

Tire pressures change by approximately 1 psi (7 kPa) per 12°F (7°C) of air temperature change. Keep this in mind when checking tire pressure inside a garage, especially in the winter.

Example: If garage temperature = 68°F (20°C) and the outside temperature = 32°F (0°C) then the cold tire inflation pressure should be increased by 3 psi (21 kPa), which equals 1 psi (7 kPa) for every 12°F (7°C) for this outside temperature condition.

Tire pressure may increase from 2 to 6 psi (13 to 40 kPa) during operation. DO NOT reduce this normal pressure build up or your tire pressure will be too low.

Tire Pressures For High Speed Operation

The manufacturer advocates driving at safe speeds and within posted speed limits. Where speed limits or conditions are such that the vehicle can be driven at high speeds, maintaining correct tire inflation pressure is very important. Increased tire pressure and reduced vehicle loading may be required for high-speed vehicle operation. Refer to your authorized tire dealer or original equipment vehicle dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

WARNING!

High speed driving with your vehicle under maximum load is dangerous. The added strain on your tires could cause them to fail. You could have a serious collision. Do not drive a vehicle loaded to the maximum capacity at continuous speeds above 75 mph (120 km/h).

Radial Ply Tires

WARNING!

Combining radial ply tires with other types of tires on your vehicle will cause your vehicle to handle poorly. The instability could cause a collision. Always use radial ply tires in sets of four. Never combine them with other types of tires.

Tire Repair

If your tire becomes damaged, it may be repaired if it meets the following criteria:

- The tire has not been driven on when flat.
- The damage is only on the tread section of your tire (sidewall damage is not repairable).
- The puncture is no greater than a ¼ of an inch (6 mm).

Consult an authorized tire dealer for tire repairs and additional information.

Damaged Run Flat tires, or Run Flat tires that have experienced a loss of pressure should be replaced immediately with another Run Flat tire of identical size and service description (Load Index and Speed Symbol).

Tire Types

All Season Tires — If Equipped

All Season tires provide traction for all seasons (spring, summer, fall and winter). Traction levels may vary between different all season tires. All season tires can be identified by the M+S, M&S, M/S or MS designation on the tire sidewall. Use all season tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Summer Or Three Season Tires — If Equipped

Summer tires provide traction in both wet and dry conditions, and are not intended to be driven in snow or on ice. If your vehicle is equipped with summer tires, be aware these tires are not designed for winter or cold driving conditions. Install winter tires on your vehicle when ambient temperatures are less than 40°F (5°C) or if roads are covered with ice or snow. For more information, contact an authorized dealer.

Summer tires do not contain the all season designation or mountain/snowflake symbol on the tire sidewall. Use summer tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

WARNING!

Do not use summer tires in snow/ice conditions. You could lose vehicle control, resulting in severe injury or death. Driving too fast for conditions also creates the possibility of loss of vehicle control.

Snow Tires

Some areas of the country require the use of snow tires during the winter. Snow tires can be identified by a “mountain/snowflake” symbol on the tire sidewall.

If you need snow tires, select tires equivalent in size and type to the original equipment tires. Use snow tires only in sets of four; failure to do so may adversely affect the safety and handling of your vehicle.

Snow tires generally have lower speed ratings than what was originally equipped with your vehicle and should not be operated at sustained speeds over 75 mph (120 km/h). For speeds above 75 mph (120 km/h) refer to original equipment or an authorized tire dealer for recommended safe operating speeds, loading and cold tire inflation pressures.

While studded tires improve performance on ice, skid and traction capability on wet or dry surfaces may be poorer than that of non-studded tires. Some states prohibit studded tires; therefore, local laws should be checked before using these tire types.

Run Flat Tires — If Equipped

Run Flat tires allow you the capability to drive 50 miles (80 km) at 50 mph (80 km/h) after a rapid loss of inflation pressure. This rapid loss of inflation is referred to as the Run Flat mode. A Run Flat mode occurs when the tire inflation pressure is of/or below 14 psi (96 kPa). Once a Run Flat tire reaches the run flat mode it has limited driving capabilities and needs to be replaced immediately. A Run Flat tire is not repairable.

It is not recommended driving a vehicle loaded at full capacity or to tow a trailer while a tire is in the run flat mode.

See the tire pressure monitoring section for more information.

Spare Tires — If Equipped

NOTE:

For vehicles equipped with Tire Service Kit instead of a spare tire, please refer to "Tire Service Kit" in "What To Do In Emergencies" for further information.

CAUTION!

Because of the reduced ground clearance, do not take your vehicle through an automatic car wash with a compact or limited-use temporary spare installed. Damage to the vehicle may result.

Spare Tire Matching Original Equipped Tire And Wheel — If Equipped

Your vehicle may be equipped with a spare tire and wheel equivalent in look and function to the original equipment tire and wheel found on the front or rear axle of your vehicle. This spare tire may be used in the tire rotation for your vehicle. If your vehicle has this option, refer to an authorized tire dealer for the recommended tire rotation pattern.

Compact Spare Tire — If Equipped

The compact spare is for temporary emergency use only. You can identify if your vehicle is equipped with a compact spare by looking at the spare tire description on the Tire and Loading Information Placard located on the driver's side door opening or on the sidewall of the tire. Compact spare tire descriptions begin with the

letter “T” or “S” preceding the size designation. Example: T145/80D18 103M.

T, S = Temporary Spare Tire

Since this tire has limited tread life, the original equipment tire should be repaired (or replaced) and reinstalled on your vehicle at the first opportunity.

Do not install a wheel cover or attempt to mount a conventional tire on the compact spare wheel, since the wheel is designed specifically for the compact spare tire. Do not install more than one compact spare tire and wheel on the vehicle at any given time.

WARNING!

Compact spares are for temporary emergency use only. With these spares, do not drive more than 50 mph (80 km/h). Temporary use spares have limited tread life. When the tread is worn to the tread wear indicators, the temporary use spare tire needs to be replaced. Be sure to follow the warnings,

(Continued)

WARNING! *(Continued)*

which apply to your spare. Failure to do so could result in spare tire failure and loss of vehicle control.

Full Size Spare — If Equipped

The full size spare is for temporary emergency use only. This tire may look like the originally equipped tire on the front or rear axle of your vehicle, but it is not. This spare tire may have limited tread life. When the tread is worn to the tread wear indicators, the temporary use full size spare tire needs to be replaced. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

Limited-Use Spare — If Equipped

The limited-use spare tire is for temporary emergency use only. This tire is identified by a label located on the limited-use spare wheel. This label contains the driving limitations for this spare. This tire may look like the original equipped tire on the front or rear axle of your vehicle, but it is not. Installation of this limited-use spare tire affects vehicle handling. Since it is not the same as your original equipment tire, replace (or repair) the original equipment tire and reinstall on the vehicle at the first opportunity.

WARNING!

Limited-use spares are for emergency use only. Installation of this limited-use spare tire affects vehicle handling. With this tire, do not drive more than the speed listed on the limit-use spare wheel. Keep inflated to the cold tire inflation pressures listed on your Tire and Loading Information Placard located on the driver’s side B-Pillar or the rear edge of the driver’s side door. Replace (or repair) the original equipment tire at the first opportunity and reinstall it on your vehicle. Failure to do so could result in loss of vehicle control.

Tire Spinning

When stuck in mud, sand, snow, or ice conditions, do not spin your vehicle's wheels above 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping.

Refer to "Freeing A Stuck Vehicle" in "What To Do In Emergencies" for further information.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause tire damage or failure. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) for more than 30 seconds continuously when you are stuck, and do not let anyone near a spinning wheel, no matter what the speed.

Tread Wear Indicators

Tread wear indicators are in the original equipment tires to help you in determining when your tires should be replaced.

1 — Worn Tire
2 — New Tire

These indicators are molded into the bottom of the tread grooves. They will appear as bands when the tread depth becomes a 1/16 of an inch (2 mm). When the tread is worn to the tread wear indicators, the tire should be replaced. Refer to "Replacement Tires" in this section for further information.

Life Of Tire

The service life of a tire is dependent upon varying factors including, but not limited to:

- Driving style.
- Tire pressure - Improper cold tire inflation pressures can cause uneven wear patterns to develop across the tire tread. These abnormal wear patterns will reduce tread life, resulting in the need for earlier tire replacement.
- Distance driven.
- Performance tires, tires with a speed rating of V or higher, and summer tires typically have a reduced tread life. Rotation of these tires per the vehicle's Service and Warranty Handbook is highly recommended.

WARNING!

Tires and the spare tire should be replaced after six years, regardless of the remaining tread. Failure to follow this warning can result in sudden tire failure. You could lose control and have a collision resulting in serious injury or death.

Keep dismounted tires in a cool, dry place with as little exposure to light as possible. Protect tires from contact with oil, grease, and gasoline.

Replacement Tires

The tires on your new vehicle provide a balance of many characteristics. They should be inspected regularly for wear and correct cold tire inflation pressures. The manufacturer strongly recommends that you use tires equivalent to the originals in size, quality and performance when replacement is needed. Refer to the paragraph on “Tread Wear Indicator.” Refer to the Tire and Loading Information placard or the Vehicle Certification Label for the size designation of your tire. The Load Index and Speed Symbol for your tire will be found on the original equipment tire sidewall. See the Tire Sizing Chart example found in the Tire Safety Information section of this manual for more information relating to the Load Index and Speed Symbol of a tire.

It is recommended to replace the two front tires or two rear tires as a pair. Replacing just one tire can seriously affect your vehicle’s handling. If you ever replace a wheel, make sure that the wheel’s specifications match those of the original wheels.

It is recommended you contact your authorized tire dealer or original equipment dealer with any questions you may have on tire specifications or capability. Failure to use equivalent replacement tires may adversely affect the safety, handling, and ride of your vehicle.

WARNING!

- Do not use a tire, wheel size or rating other than that specified for your vehicle. Some combinations of unapproved tires and wheels may change suspension dimensions and performance characteristics, resulting in changes to steering, handling, and braking of your vehicle. This can cause unpredictable handling and stress to steering and suspension components. You could lose control and have a collision resulting in serious injury or death. Use only the tire and wheel sizes with load ratings approved for your vehicle.

(Continued)

WARNING! ***(Continued)***

- Never use a tire with a smaller load index or capacity, other than what was originally equipped on your vehicle. Using a tire with a smaller load index could result in tire overloading and failure. You could lose control and have a collision.
- Failure to equip your vehicle with tires having adequate speed capability can result in sudden tire failure and loss of vehicle control.

CAUTION!

Replacing original tires with tires of a different size may result in false speedometer and odometer readings.

TIRE CHAINS (TRACTION DEVICES)

Use of traction devices require sufficient tire-to-body clearance. Follow these recommendations to guard against damage.

- Traction device must be of proper size for the tire, as recommended by the traction device manufacturer
- Use on Front Tires Only
- Due to limited clearance, the following traction devices are recommended:

Front Wheel Drive (FWD) Models

- Original equipment 225/60R17 and 225/55R18 tire sizes are not chainable.
- The use of 7mm snow chains is permitted with the use of 215/60R17 tires on size 17 x 7.0 ET41 wheels.

Four Wheel Drive (4WD) Non-Trailhawk Models Without A Two-Speed Power Takeoff Unit

- Original equipment 225/60R17 and 225/55R18 tire sizes are not chainable.
- The use of 9mm snow chains is permitted with the use of 215/60R17 tires on size 17 x 7.0 ET41 wheels.

Four Wheel Drive (4WD) Non-Trailhawk Models With A Two-Speed Power Takeoff Unit

- The use of 7mm snow chains is permitted with 225/60R17 and 225/55R18 tires.

Four Wheel Drive (4WD) Trailhawk Models

- The use of 9mm snow chains is permitted with the use of 225/65R17 tires on size 17 x 7.5 ET31 wheels.

CAUTION!

- Use on Front Tires Only
- Damage to Front Wheel Drive (FWD) Models may result if tire chains or traction devices are used with original equipment size tires.

(Continued)

CAUTION! ***(Continued)***

- Damage to Four Wheel Drive (4WD) Models without a Two-Speed Power Takeoff Unit may result if tire chains or traction devices are used with original equipment size tires.
- Damage to Four Wheel Drive (4WD) Trailhawk Models may result if tire chains or traction devices are used with original equipment size tires.

WARNING!

Using tires of different size and type (M+S, Snow) between front and rear axles can cause unpredictable handling. You could lose control and have a collision.

CAUTION!

To avoid damage to your vehicle or tires, observe the following precautions:

- Because of restricted traction device clearance between tires and other suspension components, it is important that only traction devices in good condition are used. Broken devices can cause serious damage. Stop the vehicle immediately if noise occurs that could indicate device breakage. Remove the damaged parts of the device before further use.
- Install device as tightly as possible and then retighten after driving about ½ mile (0.8 km).
- Do not exceed 30 mph (48 km/h).
- Drive cautiously and avoid severe turns and large bumps, especially with a loaded vehicle.
- Do not drive for a prolonged period on dry pavement.

(Continued)

CAUTION! ***(Continued)***

- Observe the traction device manufacturer's instructions on the method of installation, operating speed, and conditions for use. Always use the suggested operating speed of the device manufacturer's if it is less than 30 mph (48 km/h).
- Do not use traction devices on a compact spare tire.

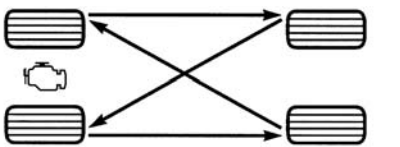
TIRE ROTATION RECOMMENDATIONS

The tires on the front and rear of your vehicle operate at different loads and perform different steering, handling, and braking functions. For these reasons, they wear at unequal rates.

These effects can be reduced by timely rotation of tires. The benefits of rotation are especially worthwhile with aggressive tread designs such as those on On/Off Road type tires. Rotation will increase tread life, help to maintain mud, snow, and wet traction levels, and contribute to a smooth, quiet ride.

Refer to the "Service and Warranty Handbook" for the proper maintenance intervals. The reasons for any rapid or unusual wear should be corrected prior to rotation being performed.

The suggested Front Wheel Drive (FWD) rotation method is the "rearward cross" shown in the following diagram. This rotation pattern does not apply to some directional tires that must not be reversed.



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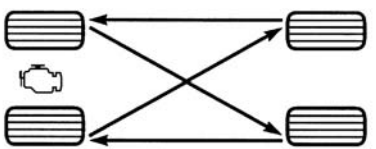
Front Wheel Drive (FWD) Tire Rotation

The suggested Four Wheel Drive (4WD) Tire rotation method is the "forward-cross" shown in the following diagram.



Four Wheel Drive (4WD) Tire Rotation

CAUTION!

Proper operation of four-wheel drive vehicles depends on tires of equal size, type and circumference on each wheel. Any difference in tire size can cause damage to the power transfer unit. Tire rotation schedule should be followed to balance tire wear.

TIRE PRESSURE MONITOR SYSTEM (TPMS)

The Tire Pressure Monitor System (TPMS) will warn the driver of a low tire pressure based on the vehicle recommended cold placard pressure.

The tire pressure will vary with temperature by about 1 psi (7 kPa) for every 12°F (6.5°C). This means that when the outside temperature decreases, the tire pressure will decrease. Tire pressure should always be set based on cold inflation tire pressure. This is defined as the tire pressure after the vehicle has not been driven for at least three hours, or driven less than 1 mile (1.6 km) after a three hour period. The cold tire inflation pressure must not exceed the maximum inflation pressure molded into the tire sidewall. Refer to “Tires – General Information” in “Starting and Operating” for information on how to properly inflate the vehicle’s tires. The tire pressure will also increase as the vehicle is driven. This is normal and there should be no adjustment for this increased pressure.

The TPMS will warn the driver of a low tire pressure if the tire pressure falls below the low-pressure warning limit for any reason, including low temperature effects and natural pressure loss through the tire.

The TPMS will continue to warn the driver of low tire pressure as long as the condition exists, and will not turn off until the tire pressure is at or above the recommended cold placard pressure. Once the low tire pressure warning (Tire Pressure Monitoring Telltale Light) illuminates, you must increase the tire pressure to the recommended cold placard pressure in order for the “Tire Pressure Monitoring Telltale Light” to turn off.

NOTE:

When filling warm tires, the tire pressure may need to be increased up to an additional 4 psi (30 kPa) above the recommended cold placard pressure in order to turn the Tire Pressure Monitoring Telltale Light off.

The system will automatically update and the “Tire Pressure Monitoring Telltale Light” will turn off once the system receives the updated tire pressures. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

For example, your vehicle may have a recommended cold (parked for more than three hours) placard pressure of 33 psi (227 kPa). If the ambient temperature is 68°F (20°C) and the measured tire pressure is 28 psi (193 kPa), a temperature drop to 20°F (-7°C) will decrease the tire pressure to approximately 24 psi (165 kPa). This tire pressure is low enough to turn ON the "Tire Pressure Monitoring Telltale Light." Driving the vehicle may cause the tire pressure to rise to approximately 28 psi (193 kPa), but the "Tire Pressure Monitoring Telltale Light" will still be on. In this situation, the "Tire Pressure Monitoring Telltale Light" will turn off only after the tires are inflated to the vehicle's recommended cold placard pressure value.

NOTE:

When filling warm tires, the tire pressure may need to be increased up to an additional 4 psi (30 kPa) above the recommended cold placard pressure in order to turn the Tire Pressure Monitoring Telltale Light off.

CAUTION!

- The TPMS has been optimized for the original equipment tires and wheels. TPMS pressures and warning have been established for the tire size equipped on your vehicle. Undesirable system operation or sensor damage may result when using replacement equipment that is not of the same size, type, and/or style. Aftermarket wheels can cause sensor damage. Using aftermarket tire sealants may cause the Tire Pressure Monitoring System (TPMS) sensor to become inoperable. After using an aftermarket tire sealant it is recommended that you take your vehicle to an authorized dealership to have your sensor function checked.
- After inspecting or adjusting the tire pressure, always reinstall the valve stem cap. This will prevent moisture and dirt from entering the valve stem, which could damage the Tire Pressure Monitoring Sensor.

NOTE:

- **The TPMS is not intended to replace normal tire care and maintenance, or to provide warning of a tire failure or condition.**
- **The TPMS should not be used as a tire pressure gauge while adjusting your tire pressure.**
- **Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.**
- **The TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure using an accurate tire pressure gauge, even if underinflation has not reached the level to trigger illumination of the "Tire Pressure Monitoring Telltale Light."**
- **Seasonal temperature changes will affect tire pressure, and the TPMS will monitor the actual tire pressure in the tire.**

Base System

The Tire Pressure Monitor System (TPMS) uses wireless technology with wheel rim mounted electronic sensors to monitor tire pressure levels. Sensors, mounted to each wheel as part of the valve stem, transmit tire pressure readings to the receiver module.

NOTE:

It is particularly important for you to check the tire pressure in all of the tires on your vehicle monthly and to maintain the proper pressure.

The TPMS consists of the following components:

- Receiver Module
- Four Tire Pressure Monitoring Sensors
- Tire Pressure Monitoring Telltale Light

Tire Pressure Monitoring Low Pressure Warnings

The “Tire Pressure Monitoring Telltale Light” will illuminate in the instrument cluster, a “LOW TIRE PRESSURE” message will display in the instrument cluster, an "Inflate to XX" message will be displayed and a chime will sound when tire pressure is low in one or more of the four active road tires. Should this occur, you should stop as soon as possible, check the inflation pressure of each tire on your vehicle, and inflate each tire to the vehicle’s recommended cold placard pressure value as shown in the "Inflate to XX" message. Once the system receives the updated tire pressures, the system will automatically update and the “Tire Pressure Monitoring Telltale Light” will turn off.

NOTE:

When filling warm tires, the tire pressure may need to be increased up to an additional 4 psi (30 kPa) above the recommended cold placard pressure in order to turn the Tire Pressure Monitoring Telltale Light off. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

Service TPMS Warning

When a system fault is detected, the “Tire Pressure Monitoring Telltale Light” will flash on and off for 75 seconds and then remain on solid. The system fault will also sound a chime. If the ignition is cycled, this sequence will repeat, providing the system fault still exists. The “Tire Pressure Monitoring Telltale Light” will turn off when the fault condition no longer exists. A system fault can occur due to any of the following:

1. Jamming due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPMS sensors.
2. Installing some form of aftermarket window tinting that affects radio wave signals.
3. Lots of snow or ice around the wheels or wheel housings.
4. Using tire chains on the vehicle.
5. Using wheels/tires not equipped with TPMS sensors.

Vehicles With Compact Spare or non-Matching Full Size Spare

1. The compact spare tire or non-matching full size spare tire does not have a tire pressure monitoring sensor. Therefore, the TPMS will not monitor the pressure in the spare tire.
2. If you install the compact or non-matching full size spare tire in place of a road tire that has a pressure below the low-pressure warning limit, a chime will sound and the “TPMS Telltale Light” and “LOW TIRE PRESSURE” and "Inflate to XX" messages will turn on upon the next ignition cycle.
3. After driving the vehicle for up to 20 minutes above 15 mph (24 km/h), the “TPMS Telltale Light” will flash on and off for 75 seconds and then remain on solid.
4. For each subsequent ignition cycle, a chime will sound and the “TPMS Telltale Light” will flash on and off for 75 seconds and then remain on solid.
5. Once you repair or replace the original road tire and reinstall it on the vehicle in place of the compact spare or non-matching full size spare, the TPMS will update automatically and the “TPMS Telltale Light” will turn off, as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires. The vehicle may need to be driven for up to 20 minutes above 15 mph (24 km/h) in order for the TPMS to receive this information.

Premium System — If Equipped

The Tire Pressure Monitor System (TPMS) uses wireless technology with wheel rim mounted electronic sensors to monitor tire pressure levels. Sensors, mounted to each wheel as part of the valve stem, transmit tire pressure readings to the receiver module.

NOTE:

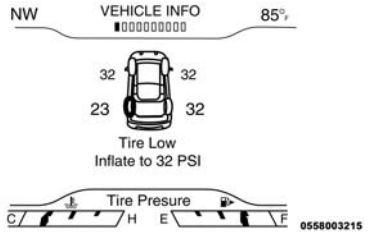
It is particularly important for you to check the tire pressure in all of the tires on your vehicle monthly and to maintain the proper pressure.

The TPMS consists of the following components:

- Receiver Module
- Four Tire Pressure Monitoring Sensors
- Various Tire Pressure Monitoring System messages, which display in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID).
- Tire Pressure Monitoring Telltale Light

Tire Pressure Monitoring Low Pressure Warnings

The “Tire Pressure Monitoring Telltale Light” will illuminate in the instrument cluster and a chime will sound when tire pressure is low in one or more of the four active road tires. In addition, the Electronic Vehicle Information Center (EVIC)/Driver information Display (DID) will display a "Tire Low" message for a minimum of five seconds, an "Inflate to XX" message and a graphic showing the pressure values of each tire with the low tire pressure values in a different color.



Tire Pressure Monitoring Low Pressure Warning

Should this occur, you should stop as soon as possible and inflate the tires with low pressure (those in a different color in the EVIC/DID graphic) to the vehicle's recommended cold placard pressure value as shown in the "Inflate to XX" message. Once the system receives the updated tire pressures, the system will automatically update, the pressure values in the graphic display in the EVIC/DID will return to their original color, and the "Tire Pressure Monitoring Telltale Light" will turn off.

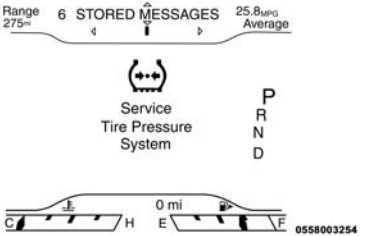
NOTE:

When filling warm tires, the tire pressure may need to be increased up to an additional 4 psi (30 kPa) above the recommended cold placard pressure in order to turn the Tire Pressure Monitoring Telltale Light off.

The vehicle may need to be driven for up to 20 minutes above 15.5 mph (25 km/h) in order for the TPMS to receive this information.

SERVICE TPMS Warning

When a system fault is detected, the "Tire Pressure Monitoring Telltale Light" will flash on and off for 75 seconds and then remain on solid. The system fault will also sound a chime. In addition, the EVIC/DID will display a "SERVICE TPM SYSTEM" message for a minimum of five seconds and then display dashes (- -) in place of the pressure value to indicate which sensor is not being received.



Tire Pressure Monitoring Service Warning

If the ignition key is cycled, this sequence will repeat, providing the system fault still exists. If the system fault no longer exists, the "Tire Pressure Monitoring Telltale Light" will no longer flash, and the "SERVICE TPM SYSTEM" message will no longer display, and a pressure value will display in place of the dashes. A system fault can occur due to any of the following:

1. Jamming due to electronic devices or driving next to facilities emitting the same radio frequencies as the TPMS sensors.

2. Installing some form of aftermarket window tinting that affects radio wave signals.
3. Lots of snow or ice around the wheels or wheel housings.
4. Using tire chains on the vehicle.
5. Using wheels/tires not equipped with TPMS sensors.

Vehicles With Matching Full-Size Spare

1. The matching full size spare wheel and tire assembly has a tire pressure monitoring sensor that can be monitored by the TPMS.
2. If you install the full size spare in place of a road tire that has a pressure below the low-pressure warning limit, a chime will sound and the “TPMS Telltale Light” will turn on upon the next ignition key cycle. In addition, the EVIC/DID will display a Tire Low message, an "Inflate to XX" message and a graphic showing the low tire pressure value in a different color.
3. After driving the vehicle for up to 20 minutes above 15.5 mph (25 km/h) the “TPMS Telltale Light” will turn OFF, as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires.
4. The EVIC/DID will display a graphic showing the tire pressure value in the same color as the other pressure values in place of the different color low tire pressure value. The EVIC/DID will also display a “SPARE LOW PRESSURE” message to remind you to service the flat tire.

Vehicles With Compact Spare or Non-Matching Full Size Spare

1. The compact spare tire or non-matching full size does not have a tire pressure monitoring sensor. Therefore, the TPMS will not monitor the pressure in the compact spare tire.
2. If you install the compact or non-matching full size spare tire in place of a road tire that has a pressure below the low-pressure warning limit, upon the next ignition key cycle, the “TPMS Telltale Light” will remain on and a chime will sound. In addition, the graphic in the EVIC/DID will still display a different color pressure value and an "Inflate to XX" message.
3. After driving the vehicle for up to 20 minutes above 15.5 mph (25 km/h), the “TPMS Telltale Light” will flash on and off for 75 seconds and then remain on solid. In addition, the EVIC/DID will display a “SERVICE TPM SYSTEM” message for five seconds and then display dashes (- -) in place of the pressure value.
4. For each subsequent ignition key cycle, a chime will sound, the “TPMS Telltale Light” will flash on and off for 75 seconds and then remain on solid, and the EVIC/DID will display a “SERVICE TPM SYSTEM” message for five seconds and then display dashes (- -) in place of the pressure value.
5. Once you repair or replace the original road tire and reinstall it on the vehicle in place of the compact spare or non-matching full size,

the TPMS will update automatically. In addition, the “TPMS Telltale Light” will turn off and the graphic in the EVIC/DID will display a new pressure value instead of dashes (- -), as long as no tire pressure is below the low-pressure warning limit in any of the four active road tires. The vehicle may need to be driven for up to 20 minutes above 15.5 mph (25 km/h) in order for the TPMS to receive this information.

TPMS Deactivation — If Equipped

The TPMS can be deactivated if replacing all four wheel and tire assemblies (road tires) with wheel and tire assemblies that do not have TPMS Sensors, such as when installing winter wheel and tire assemblies on your vehicle. To deactivate the TPMS, first, replace all four wheel and tire assemblies (road tires) with tires not equipped with Tire Pressure Monitoring (TPM) Sensors. Then, drive the vehicle for 20 minutes above 15.5 mph (25 km/h). The TPMS will chime, the "TPM Telltale Light" will flash on and off for 75 seconds and then remain on and the Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID) will display the “SERVICE TPM SYSTEM” message and then display dashes (--) in place of the pressure values. Beginning with the next ignition switch cycle, the TPMS will no longer chime or display the “SERVICE TPM SYSTEM” message in the EVIC/DID but dashes (--) will remain in place of the pressure values.

To reactivate the TPMS, replace all four wheel and tire assemblies (road tires) with tires equipped with TPM sensors. Then, drive the vehicle for up to 20 minutes above 15.5 mph (25 km/h). The TPMS will chime, the "TPM Telltale Light" will flash on and off for 75 seconds and then turn off, and the Electronic Vehicle Information Center (EVIC)/Driver Information Display (DID) will display the “SERVICE TPM SYSTEM” message. The EVIC/DID will also display pressure values in place of the dashes. On the next ignition switch cycle the "SERVICE TPM SYSTEM" message will no longer be displayed as long as no system fault exists.

FUEL REQUIREMENTS — GASOLINE ENGINES

This engine is designed to meet all emissions regulations and provide excellent fuel economy and performance when using high quality unleaded gasoline with a minimum research octane rating (RON) of 91.

Light spark knock at low engine speeds is not harmful to your engine. However, continued heavy spark knock at high speeds can cause damage, and immediate service is required. Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

Over 40 auto manufacturer’s worldwide have issued and endorsed consistent gasoline specifications (the Worldwide Fuel Charter, WWFC) which define fuel properties necessary to deliver enhanced emissions, performance, and durability for your vehicle. The manufacturer recommends the use of gasoline that meets the WWFC specifications if they are available.

Poor quality gasoline can cause problems such as hard starting, stalling and stumble. If you experience these problems, try another brand of gasoline before considering service for the vehicle.

2.4L Engine

These engines are designed to meet all emissions regulations and provide excellent fuel economy and performance when using high-quality unleaded gasoline with a minimum Research Octane Number (RON) of 91.

3.2L Engine

The 3.2L engine is designed to meet all emissions regulations and provide satisfactory fuel economy and performance when using high quality unleaded gasoline having a minimum octane rating of 91 Research Octane Number (RON). The manufacturer recommends the use of 93 Research Octane Number (RON) for optimum performance. Light spark knock at low engine speeds is not harmful to your engine. However, continued heavy spark knock at high speeds can cause damage and immediate service is required. Poor quality gasoline can cause problems such as hard starting, stalling, and hesitations. If you experience these symptoms, try another brand of gasoline before considering service for the vehicle.

Methanol

(Methyl) is used in a variety of concentrations when blended with unleaded gasoline. You may find fuels containing 3% or more methanol along with other alcohols called cosolvents. Problems that result from using methanol/gasoline are not the responsibility of the manufacturer. While MTBE is an oxygenate made from Methanol, it does not have the negative effects of Methanol.

CAUTION!

Do not use gasolines containing Methanol. Use of these blends may result in starting and drivability problems and may damage critical fuel system components.

Ethanol

The manufacturer recommends that your vehicle be operated on fuel containing no more than 10% ethanol. Purchasing your fuel from a reputable supplier may reduce the risk of exceeding this 10% limit and/or of receiving fuel with abnormal properties. It should also be noted that an increase in fuel consumption should be expected when using ethanol-blended fuels, due to the lower energy content of ethanol. Problems that result from using methanol/gasoline or E-85 ethanol blends are not the responsibility of the manufacturer.

CAUTION!

Use of fuel with Ethanol content higher than 10% may result in engine malfunction, starting and operating difficulties, and materials degradation. These adverse effects could result in permanent damage to your vehicle.

Clean Air Gasoline

Many gasolines are now being blended to contribute to cleaner air, especially in those areas where air pollution levels are high. These new blends provide a cleaner burning fuel and some are referred to as “reformulated gasoline.”

The manufacturer supports these efforts toward cleaner air. You can help by using these blends as they become available.

MMT In Gasoline

Methylcyclopentadienyl Manganese Tricarbonyl (MMT) is a manganese containing metallic additive that is blended into some gasoline to increase octane. Gasoline blended with MMT provides no performance advantage beyond gasoline of the same octane number without MMT. Gasoline blended with MMT reduces spark plug life and reduces emission system performance in some vehicles. The manufacturer recommends that gasoline without MMT be used in your vehicle. The MMT content of gasoline may not be indicated on the gasoline pump; therefore, you should ask your gasoline retailer whether or not his/her gasoline contains MMT.

Materials Added To Fuel

All gasoline sold in the United States is required to contain effective detergent additives. Use of additional detergents or other additives is not needed under normal conditions and they would result in additional cost. Therefore, you should not have to add anything to the fuel.

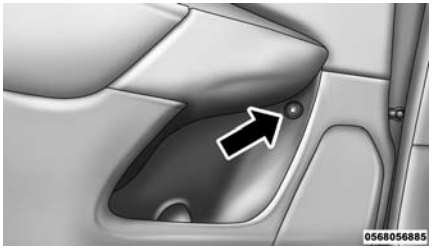
ADDING FUEL

The gas cap is located behind the fuel filler door, on the passenger side of the vehicle. If the gas cap is lost or damaged, be sure the replacement cap has been designed for use with this vehicle.

NOTE:

When removing the fuel filler cap, lay the cap tether in the hook, located on the fuel filler door reinforcement.

1. Press the fuel filler door release switch (located on the driver's side door trim).



Fuel Filler Door Release Switch

2. Open the fuel filler door, and remove the fuel filler cap.

Fuel Filler Cap (Gas Cap)

NOTE:

- **In certain cold conditions, ice may prevent the fuel door from opening. If this occurs, lightly push on the fuel door to break the ice buildup and re-release the fuel door using the inside release button. Do not pry on the door.**
- **When the fuel nozzle "clicks" or shuts off, the fuel tank is full.**
- **Tighten the gas cap about one quarter turn until you hear one click. This is an indication that the cap is properly tightened.**
- **If the gas cap is not tightened properly, the MIL will come on. Be sure the gas cap is tightened every time the vehicle is refueled.**

CAUTION!

- Damage to the fuel system or emission control system could result from using an improper fuel filler cap. A poorly fitting cap could let impurities into the fuel system. Also, a poorly fitting aftermarket cap can cause the "Malfunction Indicator Light (MIL)" to illuminate, due to fuel vapors escaping from the system.
- A poorly fitting fuel filler cap may cause the MIL to turn on.
- To avoid fuel spillage and overfilling, do not "top off" the fuel tank after filling.

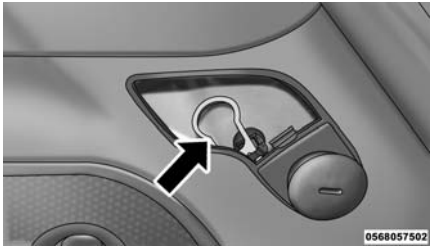
WARNING!

- Never have any smoking materials lit in or near the vehicle when the gas cap is removed or the tank is being filled.
- Never add fuel when the engine is running. This is in violation of most state and federal fire regulations and may cause the MIL to turn on.
- A fire may result if gasoline is pumped into a portable container that is inside of a vehicle. You could be burned. Always place gas containers on the ground while filling.

Emergency Fuel Filler Door Release

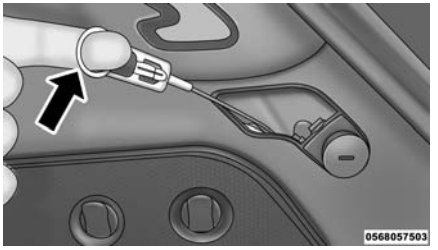
If you are unable to open the fuel filler door, use the fuel filler door emergency release.

1. Open the liftgate.
2. Remove access door located on interior trim panel for release cable with the tip of your key.



Fuel Door Release Location

3. Grab the release cable tether and pull up to release the fuel filler door.



Fuel Door Released

Loose Fuel Filler Cap Message

If the vehicle diagnostic system determines that the fuel filler cap is loose, improperly installed, or damaged, a “CHECK GASCAP” message will be displayed in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID). Refer to “Electronic Vehicle Information (EVIC) or "Driver Information Display (DID)” in “Understanding Your Instrument Panel” for further information. Tighten the fuel filler cap until a “clicking” sound is heard. This is an indication that the fuel filler cap is properly tightened. Refer to “Onboard Diagnostic System” in “Maintaining Your Vehicle” for further information.

TRAILER TOWING

In this section you will find safety tips and information on limits to the type of towing you can reasonably do with your vehicle. Before towing a trailer, carefully review this information to tow your load as efficiently and safely as possible.

To maintain the New Vehicle Limited Warranty coverage, follow the requirements and recommendations in this manual concerning vehicles used for trailer towing.

Common Towing Definitions

The following trailer towing related definitions will assist you in understanding the following information:

Gross Vehicle Weight Rating (GVWR)

The GVWR is the total allowable weight of your vehicle. This includes driver, passengers, cargo and tongue weight. The total load must be limited so that you do not exceed the GVWR.

Refer to “Vehicle Loading/Vehicle Certification Label” in “Starting and Operating” for further information.

Gross Trailer Weight (GTW)
The GTW is the weight of the trailer plus the weight of all cargo, consumables and equipment (permanent or temporary) loaded in or on the trailer in its "loaded and ready for operation" condition. The recommended way to measure GTW is to put your fully loaded trailer on a vehicle scale. The entire weight of the trailer must be supported by the scale.

Gross Combination Weight Rating (GCWR)
The GCWR is the total permissible weight of your vehicle and trailer when weighed in combination.

Gross Axle Weight Rating (GAWR)
The GAWR is the maximum capacity of the front and rear axles. Distribute the load over the front and rear axles evenly. Make sure that you do not exceed either front or rear GAWR.

WARNING!

It is important that you do not exceed the maximum front or rear GAWR. A dangerous driving condition can result if either rating is exceeded. You could lose control of the vehicle and have an accident.

Trailer Tongue Weight (TW)
The TW is the downward force exerted on the hitch ball by the trailer. In most cases it should not be more than 10% of the trailer load. You must consider this as part of the load on your vehicle.

WARNING!

An improperly adjusted hitch system may reduce handling, stability and braking performance and could result in an accident. Consult with your hitch and trailer manufacturer or a reputable trailer/caravan dealer for additional information.

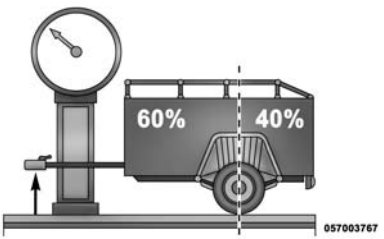
Frontal Area
The frontal area is the maximum height multiplied by the maximum width of the front of a trailer.

Trailer Towing Weights (Maximum Trailer Weight Ratings)

Engine/Transmission	Model	Frontal Area	Maximum GTW (Gross Trailer Wt.)	Maximum Tongue Wt. (See Note)
2.4L/Automatic with or without Trailer Tow Package	FWD or 4WD	40 sq ft (3.72 sq m)	4,850 lbs (2,200 kg)	243 lbs (110 kg)
3.2L/Automatic	FWD or 4WD	40 sq ft (3.72 sq m)	4,850 lbs (2,200 kg)	243 lbs (110 kg)
3.2L/Automatic with Trailer Tow Package	FWD or 4WD	40 sq ft (3.72 sq m)	4,850 lbs (2,200 kg)	243 lbs (110 kg)
Refer to local laws for maximum trailer towing speeds and loads.				
Towing limits quoted represent the maximum towing ability of the vehicle at its Gross Combined Mass to restart on a 12 percent gradient at sea level.				
The performance and economy of all models will be reduced when used for towing.				

Trailer And Tongue Weight

Always load a trailer with 60% of the weight in the front of the trailer. Loads balanced over the wheels, or heavier in the rear, can cause the trailer to sway **severely** side-to-side which will cause loss of control of vehicle and trailer. Failure to load trailers heavier in front is the cause of many trailer accidents. Never exceed the maximum tongue weight stamped on your trailer hitch.



Consider the following items when computing the weight on the front/rear axles of the vehicle:

- The trailer tongue weight of the trailer.
- The weight of any other type of cargo or equipment put in or on your vehicle.
- The weight of the driver and all passengers.

NOTE:

Remember that everything put into or on the trailer adds to the load on your vehicle. Also, additional factory-installed options, or authorized dealer-installed options, must be considered as part of the total load on your vehicle. Refer to the tire loading information placard located on the drivers door pillar for the maximum combined weight of occupants and cargo for your vehicle.

Towing Requirements

To promote proper break-in of your new vehicle drivetrain components, the following guidelines are recommended.

CAUTION!

- Do not tow a trailer at all during the first 500 miles (805 km) the new vehicle is driven. The engine, axle or other parts could be damaged.
- Then, during the first 500 miles (805 km) that a trailer is towed, do not drive over 50 mph (80 km/h) and do not make starts at full throttle. This helps the engine and other parts of the vehicle wear in at the heavier loads.

Perform the maintenance listed in the “Service and Warranty Handbook.” Refer to “Service and Warranty Handbook” for the proper maintenance intervals. When towing a trailer, never exceed the GAWR or GCWR ratings.

WARNING!

Improper towing can lead to a collision. Follow these guidelines to make your trailer towing as safe as possible:

- Make certain that the load is secured in the trailer and will not shift during travel. When trailering cargo that is not fully secured, dynamic load shifts can occur that may be difficult for the driver to control. You could lose control of your vehicle and have a collision.
- When hauling cargo or towing a trailer, do not overload your vehicle or trailer. Overloading can cause a loss of control, poor performance or damage to brakes, axle, engine, transmission, steering, suspension, chassis structure or tires.
- Safety chains must always be used between your vehicle and trailer. Always connect the chains to the hook retainers of the vehicle hitch. Cross the chains under the trailer tongue and allow enough slack for turning corners.

(Continued)

WARNING! ***(Continued)***

- Vehicles with trailers should not be parked on a grade. When parking, apply the parking brake on the tow vehicle. Put the tow vehicle transmission in PARK. For four-wheel drive vehicles, make sure the transfer case is not in NEUTRAL. Always, block or "chock" the trailer wheels.
- GCWR must not be exceeded.
- **Total weight must be distributed between the tow vehicle and the trailer such that the following four ratings are not exceeded:**

1. GVWR
2. GTW
3. GAWR
4. Tongue weight rating for the trailer hitch utilized.

Towing Requirements — Tires

- Proper tire inflation pressures are essential to the safe and satisfactory operation of your vehicle. Refer to “Tires – General Information” in “Starting and Operating” for proper tire inflation procedures.
- Check the trailer tires for proper tire inflation pressures before trailer usage.
- Check for signs of tire wear or visible tire damage before towing a trailer. Refer to “Tires – General Information” in “Starting and Operating” for proper inspection procedure.
- When replacing tires, refer to “Tires – General Information” in “Starting and Operating” for proper tire replacement procedures. Replacing tires with a higher load carrying capacity will not increase the vehicle’s GVWR and GAWR limits.

Towing Requirements — Trailer Brakes

- Do **not** interconnect the hydraulic brake system or vacuum system of your vehicle with that of the trailer. This could cause inadequate braking and possible personal injury.

- An electronically-actuated trailer brake controller is required when towing a trailer with electronically-actuated brakes. When towing a trailer equipped with a hydraulic surge-actuated brake system, an electronic brake controller is not required.
- Trailer brakes are recommended for trailers over 1,000 lbs (454 kg), and required for trailers in excess of 1,654 lbs (750 kg).

WARNING!

- Do not connect trailer brakes to your vehicle's hydraulic brake lines. It can overload your brake system and cause it to fail. You might not have brakes when you need them and could have an accident.

(Continued)

WARNING! *(Continued)*

- Towing any trailer will increase your stopping distance. When towing, you should allow for additional space between your vehicle and the vehicle in front of you. Failure to do so could result in an accident.

Towing Requirements — Trailer Lights And Wiring

Whenever you pull a trailer, regardless of the trailer size, stop lights and turn signals on the trailer are required for motoring safety.

The Trailer Tow Package includes a 13 pin wiring harness. Use a factory approved trailer harness and connector.

NOTE:

Do not cut or splice wiring into the vehicles wiring harness.

The electrical connections are all complete to the vehicle but you must mate the harness to a trailer connector.

057003169

13–Pin Connector

Pin Number	Function	Wire Color
1	Left Turn Signal	Black/White
2	Rear Fog Light	White

Pin Number	Function	Wire Color
3 [a]	Ground/Common Return for Contacts (Pins) 1 and 2 and 4 to 8	Brown
4	Right Turn Signal	Black/Green
5	Right Rear Position, Side Marker Lights, and Rear Registration Plate Illumination Device. [b]	Green/Red
6	Stop Lights	Black/Red
7	Left Rear Position, Side Marker Lights, and Rear Registration Plate Illumination Device. [b]	Green/Black
8	Reverse lights	Blue/Red
9	Permanent Power Supply (+12V)	Red
10	Power Supply Controlled by Ignition Switch (+12V)	Yellow
11 [a]	Return for Contact (Pin) 10	Yellow/Brown
12	Reserve for Future Allocation	–
13 [a]	Return for Contact (Pin) 9	Red/Brown

NOTE:
The allocation pin 12 has been changed from "Coding for coupled Trailer" to "Reserve for Future Allocation."

[a] The three return circuits shall not be connected electrically in the trailer.

[b] The rear position registration plate illumination device shall be connected such that no light of the device has a common connection with both pins 5 and 7.

Towing Tips

Before setting out on a trip, practice turning, stopping, and backing the trailer in an area located away from heavy traffic.

Automatic Transmission — If Equipped

The DRIVE range can be selected when towing. The transmission controls include a drive strategy to avoid frequent shifting when towing. However, if frequent shifting does occur while in DRIVE, use the Electronic Range Select (ERS) shift control to select a lower gear range.

NOTE:

Using a lower gear range while operating the vehicle under heavy loading conditions will improve performance and extend transmission life by reducing excessive shifting and heat build up. This action will also provide better engine braking.

Electronic Speed Control — If Equipped

- Do not use in hilly terrain or with heavy loads.
- When using the speed control, if you experience speed drops greater than 10 mph (16 km/h), disengage until you can get back to cruising speed.
- Use speed control in flat terrain and with light loads to maximize fuel efficiency.

Cooling System

To reduce potential for engine and transmission overheating, take the following actions:

City Driving

When stopped for short periods of time, shift the transmission into NEUTRAL and increase engine idle speed.

Highway Driving

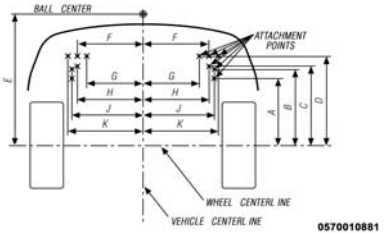
Reduce speed.

Air Conditioning

Turn off temporarily.

Trailer Hitch Attaching Points (4x2 Models)

Your vehicle will require extra equipment to tow a trailer safely and efficiently. The trailer tow hitch must be attached to your vehicle using the provided attaching points on the vehicle's frame. Refer to the following chart to determine the accurate attaching points. Other equipment, such as trailer sway controls and braking equipment, trailer equalizing (leveling) equipment and low profile mirrors, may also be required or strongly recommended.

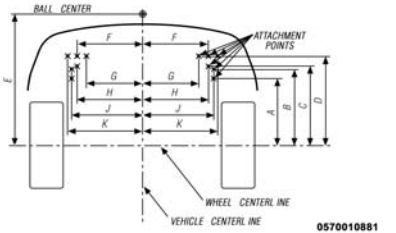


Trailer Tow Hitch Attaching Points And Overhang Dimensions	
	Fixed, Detach and Retractable Hitch
A	1.69 ft. (515 mm)
B	1.92 ft. (585 mm)
C	1.99 ft. (608 mm)
D	2.24 ft. (683 mm)
E (Overhang)	3.30 ft. (1007 mm)

Trailer Tow Hitch Attaching Points And Overhang Dimensions	
F	1.62 ft. (494 mm)
G	1.39 ft. (424 mm)
H	1.62 ft. (495 mm)
J	1.76 ft. (535 mm)
K	1.86 ft. (567 mm)

Trailer Hitch Attaching Points (4x4 Models)

Your vehicle will require extra equipment to tow a trailer safely and efficiently. The trailer tow hitch must be attached to your vehicle using the provided attaching points on the vehicle's frame. Refer to the following chart to determine the accurate attaching points. Other equipment, such as trailer sway controls and braking equipment, trailer equalizing (leveling) equipment and low profile mirrors, may also be required or strongly recommended.

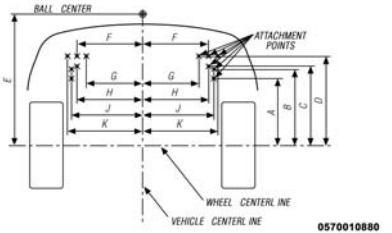


Trailer Tow Hitch Attaching Points And Overhang Dimensions	
	Fixed, Detach and Retractable Hitch
A	1.65 ft. (503 mm)
B	1.88 ft. (573 mm)
C	1.96 ft. (596 mm)
D	2.20 ft. (671 mm)
E (Overhang)	3.26 ft. (995 mm)

Trailer Tow Hitch Attaching Points And Overhang Dimensions	
F	1.62 ft. (494 mm)
G	1.39 ft. (424 mm)
H	1.62 ft. (495 mm)
J	1.76 ft. (535 mm)
K	1.86 ft. (567 mm)

Trailer Hitch Attaching Points (Trailhawk Models)

Your vehicle will require extra equipment to tow a trailer safely and efficiently. The trailer tow hitch must be attached to your vehicle using the provided attaching points on the vehicle's frame. Refer to the following chart to determine the accurate attaching points. Other equipment, such as trailer sway controls and braking equipment, trailer equalizing (leveling) equipment and low profile mirrors, may also be required or strongly recommended.



Trailer Tow Hitch Attaching Points And Overhang Dimensions	
	Fixed, Detach and Retractable Hitch
A	1.65 ft. (503 mm)
B	1.88 ft. (573 mm)
C	1.96 ft. (596 mm)
D	2.20 ft. (671 mm)
E (Overhang)	3.25 ft. (990 mm)

Trailer Tow Hitch Attaching Points And Overhang Dimensions	
F	1.62 ft. (494 mm)
G	1.39 ft. (424 mm)
H	1.62 ft. (495 mm)
J	1.76 ft. (535 mm)
K	1.86 ft. (567 mm)

RECREATIONAL TOWING (BEHIND MOTORHOME, ETC.)

Towing This Vehicle Behind Another Vehicle

			4X4 Models	
Towing Condition	**Wheels OFF the Ground**	**Front-Wheel Drive (FWD) Models**	**1-Speed Power Transfer Unit**	**2-Speed Power Transfer Unit**
Flat Tow	NONE	**NOT ALLOWED**	**NOT ALLOWED**	**See Instructions:** • Transmission in **PARK** • Power transfer unit in **NEUTRAL (N)** • Tow in *forward* direction
Dolly Tow	Front	OK	**NOT ALLOWED**	**NOT ALLOWED**
	Rear	**NOT ALLOWED**	**NOT ALLOWED**	**NOT ALLOWED**
On Trailer	ALL	OK	OK	OK

Recreational Towing — Front-Wheel Drive (FWD) Models

DO NOT flat tow this vehicle. Damage to the drivetrain will result.

Recreational towing (for front-wheel drive models) is allowed ONLY if the front wheels are **OFF** the ground. This may be accomplished using a tow dolly or vehicle trailer. If using a tow dolly, follow this procedure:

1. Properly secure the dolly to the tow vehicle, following the dolly manufacturer's instructions.
2. Drive the front wheels onto the tow dolly.
3. Apply the parking brake. Place the transmission in PARK.
4. Properly secure the front wheels to the dolly, following the dolly manufacturer's instructions.
5. Release the parking brake.

CAUTION!

Towing with the front wheels on the ground will cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Recreational Towing — 4X4 Models With 1-Speed Power Transfer Unit

Recreational towing is not allowed. These models do not have a NEUTRAL (N) position in the power transfer unit.

NOTE:
This vehicle may be towed on a flatbed or vehicle trailer provided all four wheels are OFF the ground.

CAUTION!

Towing this vehicle with **ANY** of its wheels on the ground can cause severe transmission and/or power transfer unit damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Recreational Towing — 4X4 Models With 2-Speed Power Transfer Unit

The power transfer unit must be shifted into NEUTRAL (N) and the transmission must be in PARK for recreational towing. The NEUTRAL (N) selection button is adjacent to the power transfer unit selector switch. Shifts into and out of NEUTRAL (N) can take place with the selector switch in any mode position.

CAUTION!

- DO NOT dolly tow any 4x4 vehicle. Towing with only one set of wheels on the ground (front or rear) will cause severe transmission and/or power transfer unit damage. Tow with all four wheels either ON the ground, or OFF the ground (using a vehicle trailer).
- Tow only in a forward direction. Towing this vehicle backwards can cause severe damage to the power transfer unit.
- The transmission must be in PARK for recreational towing.

(Continued)

CAUTION! ***(Continued)***

- Before recreational towing, perform the procedure outlined under "Shifting into NEUTRAL (N)" to be certain that the power transfer unit is fully in NEUTRAL (N). Otherwise, internal damage will result.
- Towing this vehicle in violation of the above requirements can cause severe transmission and/or power transfer unit damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.
- Do not use a bumper-mounted clamp-on tow bar on your vehicle. The bumper face bar will be damaged.

Shifting Into NEUTRAL (N)

WARNING!

You or others could be injured or killed if you leave the vehicle unattended with the power

(Continued)

WARNING! ***(Continued)***

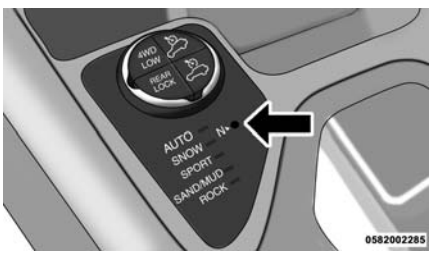
transfer unit in the NEUTRAL (N) position without first fully engaging the parking brake. The NEUTRAL (N) position disengages both the front and rear driveshafts from the powertrain and will allow the vehicle to roll, even if the transmission is in PARK. The parking brake should always be applied when the driver is not in the vehicle.

Use the following procedure to prepare your vehicle for recreational towing.

CAUTION!

It is necessary to follow these steps to be certain that the power transfer unit is fully in NEUTRAL (N) before recreational towing to prevent damage to internal parts.

1. Bring the vehicle to a complete stop and shift the transmission to PARK.
2. Turn the engine OFF.
3. Turn the ignition switch to the ON/RUN position, but do not start the engine.
4. Press and hold the brake pedal.
5. Shift the transmission into NEUTRAL.
6. Using a ballpoint pen or similar object, press and hold the recessed NEUTRAL (N) button (located by the selector switch) for four seconds. The light behind the NEUTRAL (N) symbol will blink, indicating shift in progress. The light will stop blinking (stay on solid) when the shift to NEUTRAL (N) is complete.



Neutral Switch

7. After the shift is completed and the NEUTRAL (N) light stays on, release the NEUTRAL (N) button.
8. Start the engine.
9. Shift the transmission into REVERSE.
10. Release the brake pedal for five seconds and ensure that there is no vehicle movement.
11. Shift the transmission to NEUTRAL.
12. Apply the parking brake.
13. Shift the transmission into PARK, turn the engine OFF, and remove the key fob.
14. Attach the vehicle to the tow vehicle using a suitable tow bar.
15. Release the parking brake.

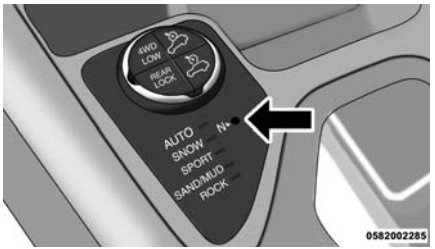
NOTE:

- **Steps 1 through 5 are requirements that must be met before pressing the NEUTRAL (N) button, and must continue to be met until the shift has been completed. If any of these requirements are not met before pressing the NEUTRAL (N) button or are no longer met during the shift, then the NEUTRAL (N) indicator light will flash continuously until all requirements are met or until the NEUTRAL (N) button is released.**
- **The ignition switch must be in the ON/RUN position for a shift to take place and for the position indicator lights to be operable. If the ignition switch is not in the ON/RUN position, the shift will not take place and no position indicator lights will be on or flashing.**
- **A flashing NEUTRAL (N) position indicator light indicates that shift requirements have not been met.**

Shifting Out Of NEUTRAL (N)

Use the following procedure to prepare your vehicle for normal usage.

1. Bring the vehicle to a complete stop, leaving it connected to the tow vehicle.
2. Apply the parking brake.
3. Turn the ignition switch to the ON/RUN position, but do not start the engine.
4. Press and hold the brake pedal.
5. Shift the transmission into NEUTRAL.
6. Using a ballpoint pen or similar object, press and hold the recessed power transfer unit NEUTRAL (N) button (located by the selector switch) for one second.



Neutral Switch

7. When the NEUTRAL (N) indicator light turns off, release the NEUTRAL (N) button.
8. After the NEUTRAL (N) button has been released, the power transfer unit will shift to the position indicated by the selector switch.

NOTE:
When shifting the power transfer unit out of NEUTRAL (N), the engine should remain OFF to avoid gear clash.

9. Shift the transmission into PARK.
10. Release the brake pedal.
11. Disconnect vehicle from the tow vehicle.
12. Start the engine.
13. Press and hold the brake pedal.
14. Release the parking brake.
15. Shift the transmission into DRIVE, release the brake pedal, and check that the vehicle operates normally.

NOTE:

- **Steps 1 through 5 are requirements that must be met before pressing the NEUTRAL (N) button, and must continue to be met until the shift has been completed. If any of these requirements are not met before pressing the NEUTRAL (N) button or are no longer met during the shift, the NEUTRAL (N) indicator light will flash continuously until all requirements are met or until the NEUTRAL (N) button is released.**
- **The ignition switch must be in the ON/RUN position for a shift to take place and for the position indicator lights to be operable. If the ignition switch is not in the ON/RUN position, the shift will not take place and no position indicator lights will be on or flashing.**
- **A flashing NEUTRAL (N) position indicator light indicates that shift requirements have not been met.**

6

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HAZARD WARNING FLASHERS

The Hazard Warning flasher switch is located in the switch bank below the radio screen.

Press the switch to turn on the Hazard Warning flasher. When the switch is activated, all directional turn signals will flash on and off to warn oncoming traffic of an emergency. Press the switch a second time to turn off the Hazard Warning flashers.

This is an emergency warning system and it should not be used when the vehicle is in motion. Use it when your vehicle is disabled and it is creating a safety hazard for other motorists.

When you must leave the vehicle to seek assistance, the Hazard Warning flashers will continue to operate even though the ignition is placed in the OFF position.

NOTE:

With extended use the Hazard Warning flashers may wear down your battery.

IF YOUR ENGINE OVERHEATS

In any of the following situations, you can reduce the potential for overheating your engine by taking the appropriate action.

- On the highways — slow down.
- In city traffic — while stopped, put transmission in NEUTRAL, but do not increase engine idle speed.

CAUTION!

Driving with a hot cooling system could damage your vehicle. If the temperature gauge reads “H,” pull over and stop the vehicle. Idle the vehicle with the air conditioner turned off until the pointer drops back into the normal range. If the pointer remains on the “H” and you hear continuous chimes, turn the engine off immediately and call for service.

NOTE:

There are steps that you can take to slow down an impending overheat condition:

- **If your air conditioner (A/C) is on, turn it off. The A/C system adds heat to the engine cooling system and turning the A/C off can help remove this heat.**
- **You can also turn the temperature control to maximum heat, the mode control to floor and the blower control to high. This allows the heater core to act as a supplement to the radiator and aids in removing heat from the engine cooling system.**

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator or coolant bottle is hot.

WHEEL AND TIRE TORQUE SPECIFICATIONS

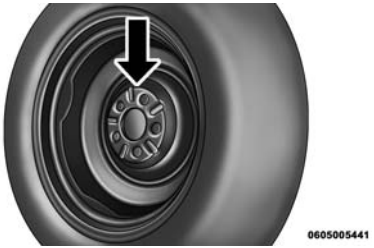
Proper lug nut/bolt torque is very important to ensure that the wheel is properly mounted to the vehicle. Any time a wheel has been removed and reinstalled on the vehicle the lug nuts/bolts should be torqued using a properly calibrated torque wrench.

Torque Specifications

Lug Nut/Bolt Torque	**Lug Nut/Bolt Size	Lug Nut/ Bolt Socket Size
100 Ft-Lbs (135 N·m)	M12 x 1.25	19 mm

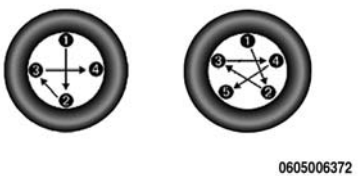
**Use only Chrysler recommended lug nuts/bolts and clean or remove any dirt or oil before tightening.

Inspect the wheel mounting surface prior to mounting the tire and remove any corrosion or loose particles.



Wheel Mounting Surface

Tighten the lug nuts/bolts in a star pattern until each nut/bolt has been tightened twice.



Torque Patterns

After 25 miles (40 km) check the lug nut/bolt torque to be sure that all the lug nuts/bolts are properly seated against the wheel.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not tighten the lug nuts fully until the vehicle has been lowered. Failure to follow this warning may result in personal injury.

TIRE SERVICE KIT — IF EQUIPPED

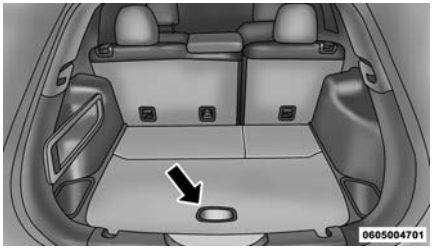
Small punctures up to ¼" (6 mm) in the tire tread can be sealed with Tire Service Kit. Foreign objects (e.g., screws or nails) should not be removed from the tire. Tire Service Kit can be used in outside temperatures down to approximately -4°F (-20°C).

This kit will provide a temporary tire seal, allowing you to drive your vehicle up to 100 miles (160 km) with a maximum speed of 55 mph (90 km/h).

Tire Service Kit Storage

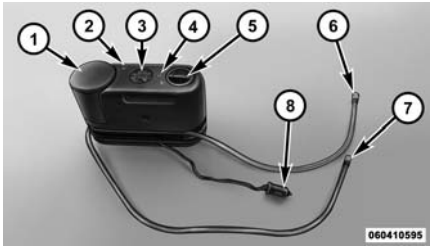
The Tire Service Kit is stowed under the load floor behind the rear seat.

1. Open the liftgate.
2. Lift the access cover using the load floor handle.



Load Floor Handle

Tire Service Kit Components And Operation



Tire Service Kit Components

1 — Sealant Bottle	5 — Mode Select Knob
2 — Deflation Button	6 — Sealant Hose (Clear)
3 — Pressure Gauge	7 — Air Pump Hose (Black)
4 — Power Button	8 — Power Plug (located on the bottom side of the Tire Service Kit)

Using The Mode Select Knob And Hoses

Your Tire Service Kit is equipped with the following symbols to indicate the air or sealant mode.

Selecting Air Mode

Push in the Mode Select Knob (5) and turn to this position for air pump operation only. Use the Black Air Pump Hose (7) when selecting this mode.

Selecting Sealant Mode

Push in the Mode Select Knob (5) and turn to this position to inject the Tire Service Kit Sealant and to inflate the tire. Use the Sealant Hose (clear hose) (6) when selecting this mode.

Using The Power Button

Push and release the Power Button (4) once to turn On the Tire Service Kit. Push and release the Power Button (4) again to turn Off the Tire Service Kit.

Using The Deflation Button

Press the Deflation Button (2) to reduce the air pressure in the tire if it becomes over-inflated.

Tire Service Kit Usage Precautions

- Replace the Tire Service Kit Sealant Bottle (1) and Sealant Hose (6) prior to the expiration date (printed at the lower right hand corner on the bottle label) to assure optimum operation of the system. Refer to “Sealing a Tire with Tire Service Kit” section (F) “Sealant Bottle and Hose Replacement”.

Tire Service Kit Expiration Date Location

- The Sealant Bottle (1) and Sealant Hose (6) are a one tire application use and need to be replaced after each use. Always replace these components immediately at your original equipment vehicle dealer.
- When the Tire Service Kit sealant is in a liquid form, clean water, and a damp cloth will remove the material from the vehicle or tire and wheel components. Once the sealant dries, it can easily be peeled off and properly discarded.
- For optimum performance, make sure the valve stem on the wheel is free of debris before connecting the Tire Service Kit.
- You can use the Tire Service Kit air pump to inflate bicycle tires. The kit also comes with two needles, located in the Accessory Storage Compartment (on the bottom of the air pump) for inflating sport balls, rafts, or similar inflatable items. However, use only the Air Pump Hose (7) and make sure the Mode Select Knob (5) is in the Air Mode when inflating such items to avoid injecting sealant into them. The Tire Service Kit Sealant is only intended to seal punctures less than ¼” (6 mm) diameter in the tread of your vehicle.
- Do not lift or carry the Tire Service Kit by the hoses.

WARNING!

- Do not attempt to seal a tire on the side of the vehicle closest to traffic. Pull far enough off the road to avoid the danger of being hit when using the Tire Service Kit.

(Continued)

WARNING! ***(Continued)***

- Do not use Tire Service Kit or drive the vehicle under the following circumstances:
  - If the puncture in the tire tread is approximately 1/4" (6 mm) or larger.
  - If the tire has any sidewall damage.
  - If the tire has any damage from driving with extremely low tire pressure.
  - If the tire has any damage from driving on a flat tire.
  - If the wheel has any damage.
  - If you are unsure of the condition of the tire or the wheel.
- Keep Tire Service Kit away from open flames or heat source.
- A loose Tire Service Kit thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the Tire Service Kit in the place provided. Failure to follow these warnings can result in injuries that are serious or fatal to you, your passengers, and others around you.

(Continued)

WARNING! ***(Continued)***

- Take care not to allow the contents of Tire Service Kit to come in contact with hair, eyes, or clothing. Tire Service Kit is harmful if inhaled, swallowed, or absorbed through the skin. It causes skin, eye, and respiratory irritation. Flush immediately with plenty of water if there is any contact with eyes or skin. Change clothing as soon as possible, if there is any contact with clothing.
- Tire Service Kit Sealant solution contains latex. In case of an allergic reaction or rash, consult a physician immediately. Keep Tire Service Kit out of reach of children. If swallowed, rinse mouth immediately with plenty of water and drink plenty of water. Do not induce vomiting! Consult a physician immediately.

Sealing A Tire With Tire Service Kit

(A) Whenever You Stop To Use Tire Service Kit:

1. Pull over to a safe location and turn on the vehicle's Hazard Warning flashers.
2. Verify that the valve stem (on the wheel with the deflated tire) is in a position that is near to the ground. This will allow the Tire Service Kit Hoses (6) and (7) to reach the valve stem and keep the Tire Service Kit flat on the ground. This will provide the best positioning of the kit when injecting the sealant into the deflated tire and running the air pump. Move the vehicle as necessary to place the valve stem in this position before proceeding.
3. Place the transmission in PARK (auto transmission) or in Gear (manual transmission) and turn Off the ignition.
4. Set the parking brake.

(B) Setting Up To Use Tire Service Kit:

1. Push in the Mode Select Knob (5) and turn to the Sealant Mode position.
2. Uncoil the Sealant Hose (6) and then remove the cap from the fitting at the end of the hose.
3. Place the Tire Service Kit flat on the ground next to the deflated tire.
4. Remove the cap from the valve stem and then screw the fitting at the end of the Sealant Hose (6) onto the valve stem.
5. Uncoil the Power Plug (8) and insert the plug into the vehicle's 12 Volt power outlet.

NOTE:

Do not remove foreign objects (e.g., screws or nails) from the tire.

(C) Injecting Tire Service Kit Sealant Into The Deflated Tire:

- Always start the engine before turning ON the Tire Service Kit.

NOTE:

Manual transmission vehicles must have the parking brake engaged and the shift lever in NEUTRAL.

- After pressing the Power Button (4), the sealant (white fluid) will flow from the Sealant Bottle (1) through the Sealant Hose (6) and into the tire.

NOTE:

Sealant may leak out through the puncture in the tire.

If the sealant (white fluid) does not flow within 0 – 10 seconds through the Sealant Hose (6):

1. Press the Power Button (4) to turn Off the Tire Service Kit. Disconnect the Sealant Hose (6) from the valve stem. Make sure the valve stem is free of debris. Reconnect the Sealant Hose (6) to the valve stem. Check that the Mode Select Knob (5) is in the Sealant Mode position and not Air Mode. Press the Power Button (4) to turn On the Tire Service Kit.
2. Connect the Power Plug (8) to a different 12 Volt power outlet in your vehicle or another vehicle, if available. Make sure the engine is running before turning ON the Tire Service Kit.
3. The Sealant Bottle (1) may be empty due to previous use. Call for assistance.

NOTE:

If the Mode Select Knob (5) is on Air Mode and the pump is operating, air will dispense from the Air Pump Hose (7) only, not the Sealant Hose (6).

If the sealant (white fluid) does flow through the Sealant Hose (6):

1. Continue to operate the pump until sealant is no longer flowing through hose (typically takes 30 - 70 seconds). As the sealant flows through the Sealant Hose (6), the Pressure Gauge (3) can read as high as 70 psi (4.8 Bar). The Pressure Gauge (3) will decrease quickly from approximately 70 psi (4.8 Bar) to the actual tire pressure when the Sealant Bottle (1) is empty.

2. The pump will start to inject air into the tire immediately after the Sealant Bottle (1) is empty. Continue to operate the pump and inflate the tire to the pressure indicated on the tire pressure label on the driver-side latch pillar (recommended pressure). Check the tire pressure by looking at the Pressure Gauge (3).

If the tire does not inflate to at least 26 psi (1.8 Bar) pressure within 15 minutes:

- The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

NOTE:

If the tire becomes over-inflated, press the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.

If the tire inflates to the recommended pressure or is at least 26 psi (1.8 Bar) pressure within 15 minutes:

1. Press the Power Button (4) to turn off the Tire Service Kit.
2. Remove the Speed Limit sticker from the top of the Sealant Bottle (1) and place the sticker on the instrument panel.
3. Immediately disconnect the Sealant Hose (6) from the valve stem, reinstall the cap on the fitting at the end of the hose, and place the Tire Service Kit in the vehicle storage location. Quickly proceed to (D) "Drive Vehicle."

CAUTION!

- The metal end fitting from Power Plug (8) may get hot after use, so it should be handled carefully.
- Failure to reinstall the cap on the fitting at the end of the Sealant Hose (6) can result in sealant contacting your skin, clothing, and the vehicle's interior. It can also result in sealant contacting internal Tire Service Kit components which may cause permanent damage to the kit.

(D) Drive Vehicle:

Immediately after injecting sealant and inflating the tire, drive the vehicle 5 miles (8 km) or 10 minutes to ensure distribution of the Tire Service Kit Sealant within the tire. Do not exceed 55 mph (90 km/h).

WARNING!

Tire Service Kit is not a permanent flat tire repair. Have the tire inspected and repaired or replaced after using Tire Service Kit. Do not exceed 55 mph (90 km/h) until the tire is repaired or replaced. Failure to follow this warning can result in injuries that are serious or fatal to you, your passengers, and others around you.

(E) After Driving:

Pull over to a safe location. Refer to "Whenever You Stop to Use Tire Service Kit" before continuing.

1. Push in the Mode Select Knob (5) and turn to the Air Mode position.

2. Uncoil the power plug and insert the plug into the vehicle's 12 Volt power outlet.
3. Uncoil the Air Pump Hose (7) (black in color) and screw the fitting at the end of hose (7) onto the valve stem.
4. Check the pressure in the tire by reading the Pressure Gauge (3).

If tire pressure is less than 19 psi (1.3 Bar):

The tire is too badly damaged. Do not attempt to drive the vehicle further. Call for assistance.

If the tire pressure is 19 psi (1.3 Bar) or higher:

1. Press the Power Button (4) to turn on Tire Service Kit and inflate the tire to the pressure indicated on the tire and loading information label on the driver-side door opening.

NOTE:

If the tire becomes over-inflated, press the Deflation Button to reduce the tire pressure to the recommended inflation pressure before continuing.

2. Disconnect the Tire Service Kit from the valve stem, reinstall the cap on the valve stem and unplug from 12 Volt outlet.
3. Place the Tire Service Kit in its proper storage area in the vehicle.
4. Have the tire inspected and repaired or replaced at the earliest opportunity at an authorized dealer or tire service center.
5. Remove the Speed Limit sticker from the instrument panel after the tire has been repaired.
6. Replace the Sealant Bottle (1) and Sealant Hose (6) assembly at your authorized dealer as soon as possible. Refer to (F) "Sealant Bottle and Hose Replacement".

NOTE:

When having the tire serviced, advise the authorized dealer or service center that the tire has been sealed using the Tire Service Kit.

(F) Sealant Bottle And Hose Replacement:

1. Uncoil the Sealant Hose (6) (clear in color).
2. Locate the round Sealant Bottle release button in the recessed area under the sealant bottle.
3. Press the Sealant Bottle release button. The Sealant Bottle (1) will pop up. Remove the bottle and dispose of it accordingly.
4. Clean any remaining sealant from the Tire Service Kit housing.
5. Position the new Sealant Bottle (1) in the housing so that the Sealant Hose (6) aligns with the hose slot in the front of the housing. Press the bottle into the housing. An audible click will be heard indicating the bottle is locked into place.
6. Verify that the cap is installed on the fitting at the end of the Sealant Hose (6) and return the hose to its storage area (located on the bottom of the air pump).
7. Return the Tire Service Kit to its storage location in the vehicle.

JACKING AND TIRE CHANGING

WARNING!

- Do not attempt to change a tire on the side of the vehicle close to moving traffic. Pull far enough off the road to avoid the danger of being hit when operating the jack or changing the wheel.
- Being under a jacked-up vehicle is dangerous. The vehicle could slip off the jack and fall on you. You could be crushed. Never put any part of your body under a vehicle that is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.
- Never start or run the engine while the vehicle is on a jack.

(Continued)

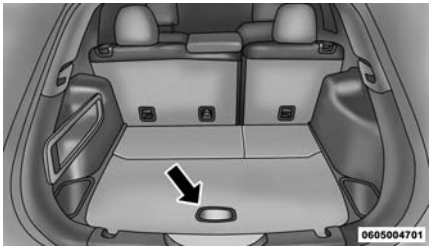
WARNING! ***(Continued)***

- The jack is designed to be used as a tool for changing tires only. The jack should not be used to lift the vehicle for service purposes. The vehicle should be jacked on a firm level surface only. Avoid ice or slippery areas.

Jack Location/Spare Tire Stowage

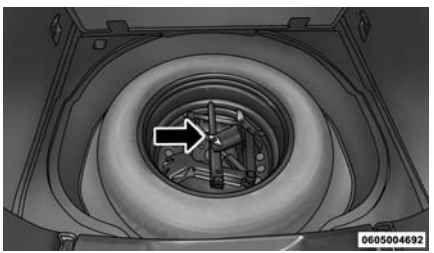
The jack, wheel chocks and spare tire are stowed under the load floor behind the rear seat.

1. Open the liftgate.
2. Lift the access cover using the load floor handle.



Load Floor Handle

3. Remove the fastener securing the jack and spare tire.



Jack And Spare Tire Fastener

4. Remove the chocks.
5. Remove the scissors jack and wheel bolt wrench from the spare wheel as an assembly. Turn the jack screw to the left to loosen the wheel bolt wrench, and remove the wrench from the jack assembly.

Jack And Tool Assembly

NOTE:
The jack handle attaches to the side of the jack with two attachment points. When the jack is partially expanded, the tension between the two attachment points holds the jack handle in place.

6. Remove the spare tire.

WARNING!

A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided. Have the deflated (flat) tire repaired or replaced immediately.

Preparations For Jacking

1. Park the vehicle on a firm level surface as far from the edge of the roadway as possible. Avoid icy or slippery areas.

WARNING!

Do not attempt to change a tire on the side of the vehicle close to moving traffic, pull far enough off the road to avoid being hit when operating the jack or changing the wheel.

2. Turn on the Hazard Warning flasher.
3. Set the parking brake.
4. Place the shift lever into PARK (automatic transmission) or REVERSE (manual transmission).
5. Turn the ignition off to the LOCK position.
6. Chock both the front and rear of the wheel diagonally opposite of the jacking position. For example, if changing the right front tire, chock the left rear wheel.

NOTE:
Passengers should not remain in the vehicle when the vehicle is being jacked.

Jacking Instructions

WARNING!

Carefully follow these tire changing warnings to help prevent personal injury or damage to your vehicle:

- Always park on a firm, level surface as far from the edge of the roadway as possible before raising the vehicle.
- Turn on the Hazard Warning flasher.
- Chock the wheel diagonally opposite the wheel to be raised.
- Set the parking brake firmly and set an automatic transmission in PARK.
- Never start or run the engine with the vehicle on a jack.
- Do not let anyone sit in the vehicle when it is on a jack.
- Do not get under the vehicle when it is on a jack. If you need to get under a raised vehicle, take it to a service center where it can be raised on a lift.

(Continued)

WARNING! ***(Continued)***

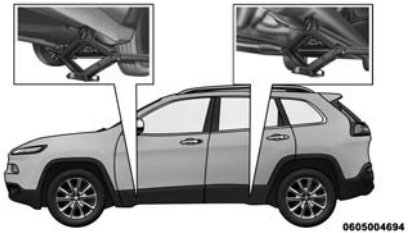
- Only use the jack in the positions indicated and for lifting this vehicle during a tire change.
- If working on or near a roadway, be extremely careful of motor traffic.
- To assure that spare tires, flat or inflated, are securely stowed, spares must be stowed with the valve stem facing the ground.

Jack Warning Label

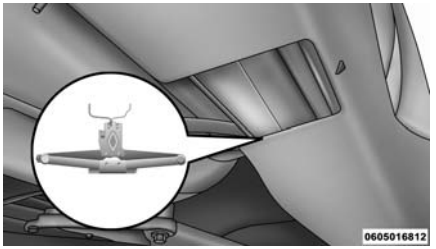
CAUTION!

Do not attempt to raise the vehicle by jacking on locations other than those indicated in the Jacking Instructions for this vehicle.

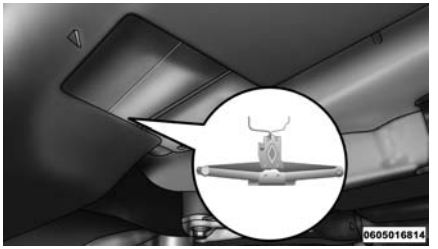
1. Remove the spare tire, jack, and wheel bolt wrench.
2. If equipped with aluminum wheels where the center cap covers the wheel bolts, use the wheel bolt wrench to pry the center cap off carefully before raising the vehicle.
3. Before raising the vehicle, use the wheel bolt wrench to loosen, but not remove, the wheel bolts on the wheel with the flat tire. Turn the wheel bolts counterclockwise one turn while the wheel is still on the ground.
4. Place the jack underneath the lift area that is closest to the flat tire. Turn the jack screw clockwise to firmly engage the jack saddle with the lift area of the sill flange, centering the jack saddle inside the cutout in the sill cladding.



Jacking Locations

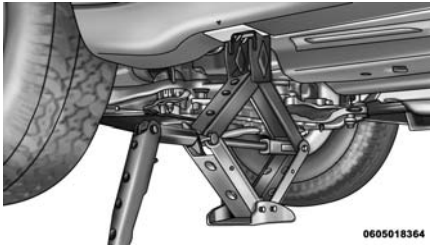


Rear Jacking Engagement Point



Front Jacking Engagement Point

Rear Jacking Location



Front Jacking Location

5. Raise the vehicle just enough to remove the flat tire.

WARNING!

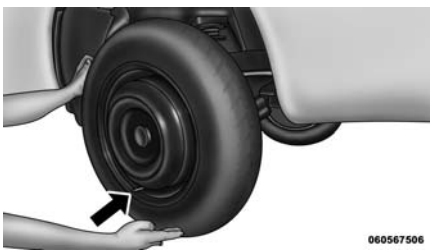
Raising the vehicle higher than necessary can make the vehicle less stable. It could slip off the jack and hurt someone near it. Raise the vehicle only enough to remove the tire.

6. Remove the wheel bolts and tire.

7. Remove the alignment pin from the jack assembly and thread the pin into the wheel hub to assist in mounting the spare tire.
8. Mount the spare tire.

CAUTION!

Be sure to mount the spare tire with the valve stem facing outward. The vehicle could be damaged if the spare tire is mounted incorrectly.



Mounting Spare Tire

NOTE:

- **For vehicles so equipped, do not attempt to install a center cap or wheel cover on the compact spare.**
- **Refer to "Compact Spare Tire" and to "Limited-Use Spare" under "Tires—General Information" in "Starting and Operating" for additional warnings, cautions, and information about the spare tire, its use, and operation.**

9. Install the wheel bolts with the threaded end of the wheel bolt toward the wheel. Lightly tighten the wheel bolts.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not fully tighten the wheel bolts until the vehicle has been lowered. Failure to follow this warning may result in personal injury.

10. Lower the vehicle to the ground by turning the jack handle counterclockwise.
11. Finish tightening the wheel bolts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the wheel bolts in a star pattern until each wheel bolt has been tightened twice. Refer to "Torque Specifications" in this section for the proper lug bolt torque. If in doubt about the correct tightness, have them checked with a torque wrench by your authorized dealer or at a service station.

Assembled Jack

12. Securely stow the jack, tools, chocks and flat tire.

Stowed Tire, Jack And Chock

WARNING!

A loose tire or jack thrown forward in a collision or hard stop could endanger the occupants of the vehicle. Always stow the jack parts and the spare tire in the places provided. Have the deflated (flat) tire repaired or replaced immediately.

Road Tire Installation

1. Mount the road tire on the axle.
2. Install the remaining wheel bolts with the threaded end of the wheel bolt toward the wheel. Lightly tighten the wheel bolts.

WARNING!

To avoid the risk of forcing the vehicle off the jack, do not tighten the lug nuts fully until the vehicle has been lowered. Failure to follow this warning may result in personal injury.

3. Lower the vehicle to the ground by turning the jack handle counterclockwise.
4. Finish tightening the wheel bolts. Push down on the wrench while at the end of the handle for increased leverage. Tighten the wheel bolts in a star pattern until each wheel bolt has been tightened twice. Refer to “Torque Specifications” in this section for the proper lug bolt torque. If in doubt about the correct tightness, have them checked with a torque wrench by your authorized dealer or service station.
5. Lower the jack until it is free. Remove the wheel chocks. Reassemble the lug wrench to the jack assembly and stow it in the spare tire area. Secure the assembly using the means provided. Release the parking brake before driving the vehicle.
6. After 25 miles (40 km) check the wheel bolt torque with a torque wrench to ensure that all wheel bolts are properly seated against the wheel.

JUMP-STARTING PROCEDURES

If your vehicle has a discharged battery it can be jump-started using a set of jumper cables and a battery in another vehicle or by using a portable battery booster pack. Jump-starting can be dangerous if done improperly so please follow the procedures in this section carefully.

NOTE:

When using a portable battery booster pack follow the manufacturer's operating instructions and precautions.

CAUTION!

Do not use a portable battery booster pack or any other booster source with a system voltage greater than 12 Volts or damage to the battery, starter motor, alternator or electrical system may occur.

WARNING!

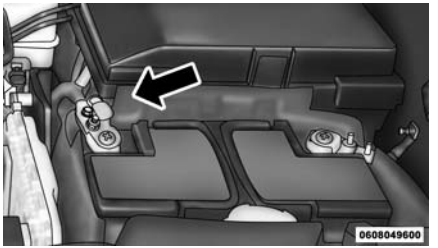
Do not attempt jump-starting if the battery is frozen. It could rupture or explode and cause personal injury.

Preparations For Jump-Start

The battery in your vehicle is located in the front of the engine compartment, behind the left headlight assembly.

NOTE:

The positive battery post is covered with a protective cap. Lift up on the cap to gain access to the positive battery post.



Positive Battery Post

WARNING!

- Take care to avoid the radiator cooling fan whenever the hood is raised. It can start anytime the ignition switch is ON. You can be injured by moving fan blades.
- Remove any metal jewelry such as rings, watch bands and bracelets that could make an inadvertent electrical contact. You could be seriously injured.

(Continued)

WARNING! ***(Continued)***

- Batteries contain sulfuric acid that can burn your skin or eyes and generate hydrogen gas which is flammable and explosive. Keep open flames or sparks away from the battery.

1. Set the parking brake, shift the automatic transmission into PARK (manual transmission in NEUTRAL) and turn the ignition to LOCK.
2. Turn off the heater, radio, and all unnecessary electrical accessories.
3. If using another vehicle to jump-start the battery, park the vehicle within the jumper cables reach, set the parking brake and make sure the ignition is OFF.

WARNING!

Do not allow vehicles to touch each other as this could establish a ground connection and personal injury could result.

Jump-Starting Procedure

WARNING!

Failure to follow this jump-starting procedure could result in personal injury or property damage due to battery explosion.

CAUTION!

Failure to follow these procedures could result in damage to the charging system of the booster vehicle or the discharged vehicle.

Connecting The Jumper Cables

1. Connect the positive **(+)** end of the jumper cable to the positive **(+)** post of the discharged vehicle.
2. Connect the opposite end of the positive **(+)** jumper cable to the positive **(+)** post of the booster battery.
3. Connect the negative **(-)** end of the jumper cable to the negative **(-)** post of the booster battery.
4. Connect the opposite end of the negative **(-)** jumper cable to a good engine ground (exposed metal part of the discharged vehicle's engine) away from the battery and the fuel injection system.

WARNING!

Do not connect the jumper cable to the negative **(-)** post of the discharged battery. The resulting electrical spark could cause the battery to explode and could result in personal injury. Only use the specific ground point, do not use any other exposed metal parts.

5. Start the engine in the vehicle that has the booster battery, let the engine idle a few minutes, and then start the engine in the vehicle with the discharged battery.

6. Once the engine is started, remove the jumper cables in the reverse sequence:

Disconnecting The Jumper Cables

1. Disconnect the negative **(-)** end of the jumper cable from the engine ground of the vehicle with the discharged battery.
2. Disconnect the opposite end of the negative **(-)** jumper cable from the negative **(-)** post of the booster battery.
3. Disconnect the positive **(+)** end of the jumper cable from the positive **(+)** post of the booster battery.
4. Disconnect the opposite end of the positive **(+)** jumper cable from the positive **(+)** post of the vehicle with the discharged battery.

If frequent jump-starting is required to start your vehicle you should have the battery and charging system inspected at your authorized dealer.

CAUTION!

Accessories plugged into the vehicle power outlets draw power from the vehicle's battery, even when not in use (i.e., cellular phones, etc.). Eventually, if plugged in long enough without engine operation, the vehicle's battery will discharge sufficiently to degrade battery life and/or prevent the engine from starting.

FREEING A STUCK VEHICLE

If your vehicle becomes stuck in mud, sand or snow, it can often be moved using a rocking motion. Turn the steering wheel right and left to clear the area around the front wheels. For vehicles with automatic transmission, press and hold the lock button on the shift lever. Then shift back and forth between DRIVE and REVERSE (with automatic transmission) or 2ND GEAR and REVERSE (with manual transmission), while gently pressing the accelerator.

NOTE:

For vehicles with automatic transmission: Shifts between DRIVE and REVERSE can only be achieved at wheel speeds of 5 mph (8 km/h) or less. Whenever the transmission remains in NEUTRAL for more than two seconds, you must press the brake pedal to engage DRIVE or REVERSE.

Use the least amount of accelerator pedal pressure that will maintain the rocking motion without spinning the wheels or racing the engine.

CAUTION!

- Racing the engine or spinning the wheels may lead to transmission overheating and failure. Allow the engine to idle with the transmission in NEUTRAL for at least one minute after every five rocking-motion cycles. This will minimize overheating and reduce the risk of clutch or transmission failure during prolonged efforts to free a stuck vehicle.

(Continued)

CAUTION! ***(Continued)***

- When "rocking" a stuck vehicle by shifting between DRIVE/2nd gear and REVERSE, do not spin the wheels faster than 15 mph (24 km/h), or drivetrain damage may result.
- Revving the engine or spinning the wheels too fast may lead to transmission overheating and failure. It can also damage the tires. Do not spin the wheels above 30 mph (48 km/h) while in gear (no transmission shifting occurring).

NOTE:

Press the "ESC Off" switch (if necessary), to place the Electronic Stability Control (ESC) system in "Partial Off" mode, before rocking the vehicle. Refer to "Electronic Brake Control" in "Starting And Operating" for further information. Once the vehicle has been freed, press the "ESC Off" switch again to restore "ESC On" mode.

WARNING!

Fast spinning tires can be dangerous. Forces generated by excessive wheel speeds may cause damage, or even failure, of the axle and tires. A tire could explode and injure someone. Do not spin your vehicle's wheels faster than 30 mph (48 km/h) or for longer than 30 seconds continuously without stopping when you are stuck and do not let anyone near a spinning wheel, no matter what the speed.

RECOVERY STRAP — IF EQUIPPED

Your vehicle may be included with a recovery strap. Recovery straps do not act like traditional tow straps, chains, or winch cables.

WARNING!

Recovery straps should only be used in emergencies to rescue stranded vehicles. Only use Recovery straps on vehicles that fit within the recommended GVW of your recovery strap. Only attach recovery straps to OE recommended anchor points or emergency towing anchor points. Never attach to tow ball or vehicle tie down point, these are not designed for this purpose. Never attach to vehicle steering, drive train, or any other suspension components. NEVER pull a strap over sharp edges or abrasive surfaces that can damage the recovery strap. NEVER use a damaged strap, it has reduced strength. DO NOT attempt to repair straps. ONLY persons involved in the recovery should be in either vehicle. No passengers. Anyone inside the vehicles can be struck by strap recoil, causing serious injury. MOVE bystanders at least 40 feet from the recovery area when using the recovery strap.

Using Recovery Strap

1. Review all warnings and instructions first.
2. Position the recovery vehicle.
3. Connect the recovery strap.
4. Add a recovery damper or blanket.
5. Clear the danger zone.
6. Safely and slowly start pulling.
7. Disconnect the recovery strap after both vehicle are secure and parked.

SHIFT LEVER OVERRIDE

If a malfunction occurs and the shift lever cannot be moved out of the PARK position, you can use the following procedure to temporarily move the shift lever:

1. Turn the engine OFF.
2. Apply the parking brake.
3. Using a screwdriver or similar tool, carefully separate the shifter bezel and boot assembly from the center console bezel.
4. Press and maintain firm pressure on the brake pedal.
5. Insert a small screwdriver or similar tool down into the shift lever override access hole (at the right front corner of the shift lever assembly), and push and hold the override release lever down.
6. Move the shift lever to the NEUTRAL position.
7. The vehicle may then be started in NEUTRAL.
8. Reinstall the shift lever boot.

TOWING A DISABLED VEHICLE

This section describes procedures for towing a disabled vehicle using a commercial towing service. If the transmission and drivetrain are operable, disabled 4x4 vehicles may also be towed as described under “Recreational Towing” in the “Starting And Operating” section.

		FWD MODELS		4X4 MODELS	
Towing Condition	**Wheels OFF the Ground**	**AUTOMATIC TRANSMISSION**	**MANUAL TRANSMISSION**	**1–SPEED POWER TRANSFER UNIT**	**2–SPEED POWER TRANSFER UNIT**
Flat Tow	NONE	**NOT ALLOWED**	**IF transmission is operable:** • Transmission in **NEUTRAL**	**NOT ALLOWED**	**See instructions under “Recreational Towing” in “Starting And Operating”** • Automatic transmission in **PARK** • Manual transmission in gear (**Not** in Neutral) • Power transfer unit in **NEUTRAL** • Tow in **forward** direction
Wheel Lift or Dolly Tow	Rear	**NOT ALLOWED**		**NOT ALLOWED**	**NOT ALLOWED**
	Front	OK	OK	**NOT ALLOWED**	**NOT ALLOWED**
Flatbed	**ALL**	**BEST METHOD**	**BEST METHOD**	**OK**	**BEST METHOD**

Proper towing or lifting equipment is required to prevent damage to your vehicle. Use only tow bars and other equipment designed for this purpose, following equipment manufacturer’s instructions. Use of safety chains is mandatory. Attach a tow bar or other towing device to main structural members of the vehicle, not to bumpers or associated brackets. State and local laws regarding vehicles under tow must be observed.

NOTE:
Vehicles with a discharged battery or total electrical failure when the electric parking brake (EPB) is engaged, will need a wheel dolly or jack to raise the rear wheels off the ground when moving the vehicle onto a flatbed.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN position, not the ACC position.

If you must use the accessories (wipers, defrosters, etc.) while being towed, the ignition must be in the ON/RUN position, not the ACC position.

If the vehicle's battery is discharged, refer to "Shift Lever Override" in this section for instructions on shifting the automatic transmission out of PARK so that the vehicle can be moved.

CAUTION!

- Do not use sling type equipment when towing. Vehicle damage may occur.

(Continued)

CAUTION! ***(Continued)***

- When securing the vehicle to a flat bed truck, do not attach to front or rear suspension components. Damage to your vehicle may result from improper towing.

Without The Key Fob

Special care must be taken when the vehicle is towed with the ignition in the LOCK/OFF position. The only approved method of towing without the key fob is with a flatbed truck. Proper towing equipment is necessary to prevent damage to the vehicle.

Front-Wheel Drive (FWD) Models With Automatic Transmission — With Key Fob

The manufacturer recommends towing your vehicle with all four wheels **OFF** the ground using a flatbed.

If flatbed equipment is not available, this vehicle must towed with the front wheels OFF the ground (using a towing dolly, or wheel lift equipment with the front wheels raised).

CAUTION!

Towing this vehicle in violation of the above requirements can cause severe transmission damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

Front-Wheel Drive (FWD) Models With Manual Transmission — With Key Fob

The manufacturer recommends towing your vehicle with all four wheels **OFF** the ground using a flatbed.

Manual transmission vehicles can also be flat towed (all four wheels on the ground) with the transmission in NEUTRAL.

CAUTION!

- **DO NOT** flat tow any disabled vehicle if condition is related to the clutch, transmission or drivetrain. Additional damage to the drivetrain could result.

(Continued)

CAUTION! ***(Continued)***

- Towing this vehicle in violation of the above requirements can cause severe engine, transmission, or drivetrain damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

4x4 Models With 1–Speed Power Transfer Unit — With Key Fob

The manufacturer requires towing with all four wheels **OFF** the ground.

Acceptable methods are to tow the vehicle on a flatbed, or with one end of vehicle raised and the opposite end on a towing dolly.

CAUTION!

- DO NOT tow this vehicle with ANY of its wheels on the ground. Damage to the drivetrain will result.

(Continued)

CAUTION! ***(Continued)***

- Front or rear wheel lifts must not be used. Internal damage to the transmission or power transfer unit will occur if a front or rear wheel lift is used when towing.
- Towing this vehicle in violation of the above requirements can cause severe transmission and/or power transfer unit damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

4x4 Models With 2–Speed Power Transfer Unit — With Key Fob

The manufacturer recommends towing with all four wheels **OFF** the ground.

Acceptable methods are to tow the vehicle on a flatbed or with one end of the vehicle raised and the opposite end on a towing dolly.

If flatbed equipment is not available and the Power Transfer Unit is operable, vehicles **with a 2–speed Power Transfer Unit** may be towed (in the forward direction, with **ALL** wheels on the ground), under the following conditions:

- The Power Transfer Unit must be in NEUTRAL (N).
- If equipped with an Automatic transmission, it must be in **PARK**.
- If equipped with a Manual transmission, it must be in gear (**Not** in Neutral).

Refer to “Recreational Towing” in “Starting and Operating” for detailed instructions.

CAUTION!

- Front or rear wheel lifts must not be used. Internal damage to the transmission or power transfer unit will occur if a front or rear wheel lift is used when towing.
- Towing this vehicle in violation of the above requirements can cause severe transmission and/or power transfer unit damage. Damage from improper towing is not covered under the New Vehicle Limited Warranty.

7

MAINTAINING YOUR VEHICLE

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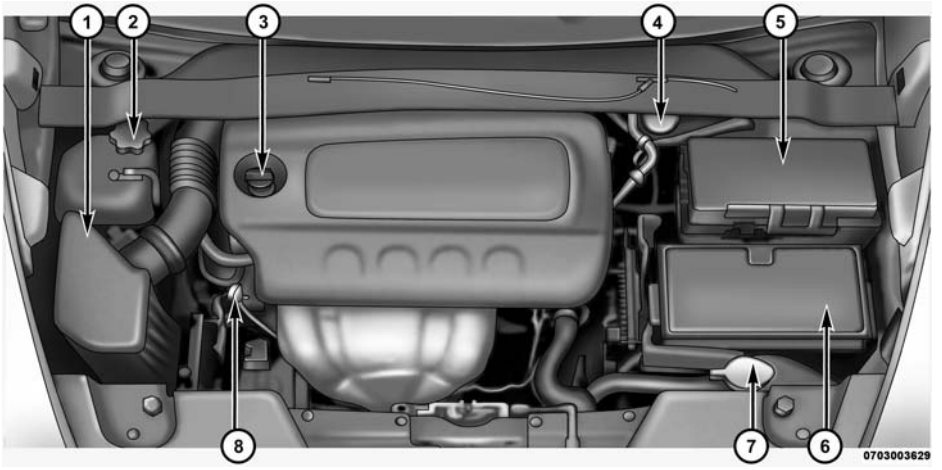
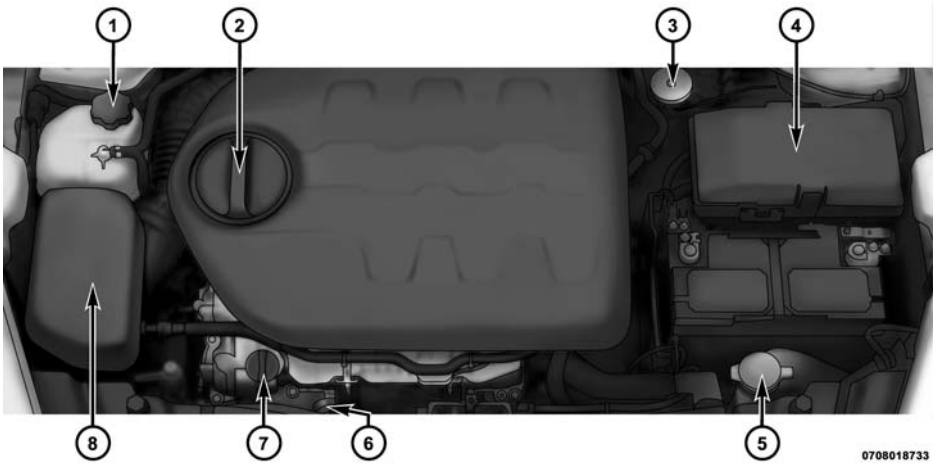
ENGINE COMPARTMENT — 2.4L



1 — Air Cleaner Filter
2 — Engine Coolant Pressure Cap
3 — Oil Fill Cap
4 — Brake Fluid Reservoir
5 — Power Distribution Center (Fuses)
6 — Battery
7 — Washer Fluid Reservoir
8 — Engine Oil Dipstick

ENGINE COMPARTMENT — 3.2L



1 — Engine Coolant Reservoir
2 — Engine Oil Filter Access Cover
3 — Brake Fluid Reservoir
4 — Power Distribution Center (Fuses)
5 — Washer Fluid Reservoir
6 — Engine Oil Dipstick
7 — Engine Oil Fill
8 — Air Cleaner Filter

ONBOARD DIAGNOSTIC SYSTEM — OBD II

Your vehicle is equipped with a sophisticated onboard diagnostic system called OBD II. This system monitors the performance of the emissions, engine, and automatic transmission control systems. When these systems are operating properly, your vehicle will provide excellent performance and fuel economy, as well as engine emissions well within current government regulations.

If any of these systems require service, the OBD II system will turn on the “Malfunction Indicator Light (MIL).” It will also store diagnostic codes and other information to assist your service technician in making repairs. Although your vehicle will usually be drivable and not need towing, see your authorized dealer for service as soon as possible.

CAUTION!

- Prolonged driving with the MIL on could cause further damage to the emission control system. It could also affect fuel economy and driveability. The vehicle must be serviced before any emissions tests can be performed.
- If the MIL is flashing while the engine is running, severe catalytic converter damage and power loss will soon occur. Immediate service is required.

Loose Fuel Filler Cap Message

If the vehicle diagnostic system determines that the fuel filler cap is loose, improperly installed, or damaged, a “CHECK GASCAP” message will be displayed in the Electronic Vehicle Information Center (EVIC) or Driver Information Display (DID). Refer to “Electronic Vehicle Information (EVIC) or "Driver Information Display (DID)” in “Understanding Your Instrument Panel” for further information. Tighten the fuel filler cap until a “clicking” sound is heard. This is an indication that the fuel filler cap is properly tightened. Refer to “Onboard Diagnostic System” in “Maintaining Your Vehicle” for further information.

EMISSIONS INSPECTION AND MAINTENANCE PROGRAMS

In some localities, it may be a legal requirement to pass an inspection of your vehicle’s emissions control system. Failure to pass could prevent vehicle registration.

Normally, the OBD II system will be ready. The OBD II system may **not** be ready if your vehicle was recently serviced, recently had a dead battery or a battery replacement. If the OBD II system should be determined not ready for the I/M test, your vehicle may fail the test.

Your vehicle has a simple ignition actuated test, which you can use prior to going to the test station. To check if your vehicle’s OBD II system is ready, you must do the following:

1. Cycle the ignition switch to the ON position, but do not crank or start the engine.

NOTE:
If you crank or start the engine, you will have to start this test over.

2. As soon as you cycle the ignition switch to the ON position, you will see the MIL symbol come on as part of a normal bulb check.
3. Approximately 15 seconds later, one of two things will happen:

- The MIL will flash for about 10 seconds and then return to being fully illuminated until you turn OFF the ignition or start the engine. This means that your vehicle's OBD II system is **not ready** and you should **not** proceed to the I/M station.
- The MIL will not flash at all and will remain fully illuminated until you turn OFF the ignition or start the engine. This means that your vehicle's OBD II system is **ready** and you can proceed to the I/M station.

If your OBD II system is **not ready,** you should see your authorized dealer or repair facility. If your vehicle was recently serviced or had a battery failure or replacement, you may need to do nothing more than drive your vehicle as you normally would in order for your OBD II system to update. A recheck with the above test routine may then indicate that the system is **now ready**.

Regardless of whether your vehicle's OBD II system is ready or not, if the MIL is illuminated during normal vehicle operation you should have your vehicle serviced before going to the I/M station. The I/M station can fail your vehicle because the MIL is on with the engine running.

REPLACEMENT PARTS

Use of genuine MOPAR® parts for normal/scheduled maintenance and repairs is highly recommended to ensure the designed performance. Damage or failures caused by the use of non-MOPAR® parts for maintenance and repairs will not be covered by the New Vehicle Limited Warranty.

DEALER SERVICE

Your authorized dealer has the qualified service personnel, special tools, and equipment to perform all service operations in an expert manner. Service Manuals are available which include detailed service information for your vehicle. Refer to these Service Manuals before attempting any procedure yourself.

NOTE:
Intentional tampering with emissions control systems may void your warranty and could result in civil penalties being assessed against you.

WARNING!
You can be badly injured working on or around a motor vehicle. Only do service work for which you have the knowledge and the proper equipment. If you have any doubt about your ability to perform a service job, take your vehicle to a competent mechanic.

MAINTENANCE PROCEDURES

The pages that follow contain the **required** maintenance services determined by the engineers who designed your vehicle.

Besides those maintenance items specified in the fixed "Service and Warranty Handbook", there are other components which may require servicing or replacement in the future.

CAUTION!

- Failure to properly maintain your vehicle or perform repairs and service when necessary could result in more costly repairs, damage to other components or negatively impact vehicle performance. Immediately have potential malfunctions examined by an authorized dealer or qualified repair center.

(Continued)

CAUTION! ***(Continued)***

- Your vehicle has been built with improved fluids that protect the performance and durability of your vehicle and also allow extended maintenance intervals. Do not use chemical flushes in these components as the chemicals can damage your engine, transmission or air conditioning. Such damage is not covered by the New Vehicle Limited Warranty. If a flush is needed because of component malfunction, use only the specified fluid for the flushing procedure.

Engine Oil

Checking Oil Level

To assure proper engine lubrication, the engine oil must be maintained at the correct level. Check the oil level at regular intervals, such as every fuel stop. The best time to check the engine oil level is about five minutes after a fully warmed up engine is shut off.

Checking the oil while the vehicle is on level ground will improve the accuracy of the oil level readings. Always maintain the oil level within the SAFE zone on the dipstick. Adding 1 quart (0.9 L) of oil when the reading is at the bottom of the SAFE zone will result in a reading at the top of the safe zone on these engines.

CAUTION!

Overfilling or underfilling the crankcase will cause aeration or loss of oil pressure. This could damage your engine.

Change Engine Oil

Refer to the "Service and Warranty Handbook" for the proper maintenance intervals.

Engine Oil Selection

For best performance and maximum protection under all types of operating conditions, the manufacturer only recommends engine oils that are API Certified and meet the requirements of Chrysler Material Standard MS-6395.

Engine Oil Selection
For best performance and maximum protection under all types of operating conditions, the manufacturer only recommend engine oils that are API certified and meet the requirements of Chrysler Material Standard MS-6395 or ACEA A1/B1.

American Petroleum Institute (API) Engine Oil Identification Symbol

This symbol means that the oil has been certified by the American Petroleum Institute (API). The manufacturer only recommends API Certified engine oils.

CAUTION!

Do not use chemical flushes in your engine oil as the chemicals can damage your engine. Such damage is not covered by the New Vehicle Limited Warranty.

Engine Oil Viscosity (SAE Grade) — 2.4L Engine
SAE 0W-20 API Certified engine oil such as MOPAR®, Pennzoil®, Shell Hellix® or equivalent is recommended for all operating temperatures. This engine oil improves low temperature starting and vehicle fuel economy. Your engine oil filler cap also states the recommended engine oil viscosity grade for your engine.

If MOPAR® 0W-20 engine oil is not available, MOPAR® 5W-20 API Certified may be used as a temporary suitable alternative. Please ensure that you switch back to 0W-20 for the next oil change, as indicated by your vehicles automatic oil change indicator.

Lubricants which do not have both the engine oil certification mark and the correct SAE viscosity grade number should not be used.

Engine Oil Viscosity (SAE Grade) — 3.2L Engine
MOPAR® SAE 5W-20 engine oil such as Pennzoil®, Shell Helix® or equivalent is recommended for all operating temperatures. This engine oil improves low temperature starting and vehicle fuel economy. Your engine oil filler cap also states the recommended engine oil viscosity grade for your engine. For more information on engine oil filler cap location, refer to the “Engine Compartment” illustration in this section.

NOTE:
MOPAR® SAE 5W-30 engine oil approved to Chrysler Material Standard MS-6395 may be used when SAE 5W-20 engine oil approved to MS-6395 is not available.

Synthetic Engine Oils
You may use synthetic engine oils provided the recommended oil quality requirements are met, and the recommended maintenance intervals for oil and filter changes are followed.

Materials Added To Engine Oil
The manufacturer strongly recommends against the addition of any additives (other than

leak detection dyes) to the engine oil. Engine oil is an engineered product and its performance may be impaired by supplemental additives.

Disposing Of Used Engine Oil And Oil Filters

Care should be taken in disposing of used engine oil and oil filters from your vehicle. Used oil and oil filters, indiscriminately discarded, can present a problem to the environment. Contact your authorized dealer, service station or governmental agency for advice on how and where used oil and oil filters can be safely discarded in your area.

Engine Oil Filter

The engine oil filter should be replaced with a new filter at every engine oil change.

NOTE:

For best access to the oil filter, a drive on hoist should be used instead of a chassis hoist.

Engine Oil Filter Selection

This manufacturer's engines have a full-flow type disposable oil filter. Use a filter of this type for replacement. The quality of replacement filters varies considerably. Only high quality filters should be used to assure most efficient service. MOPAR® engine oil filters are high quality oil filters and are recommended.

Engine Air Cleaner Filter

Refer to the "Service and Warranty Handbook" for the proper maintenance intervals.

NOTE:

Be sure to follow the "dusty or off-road conditions" maintenance interval if applicable.

WARNING!

The air induction system (air cleaner, hoses, etc.) can provide a measure of protection in the case of engine backfire. Do not remove the air induction system (air cleaner, hoses, etc.) unless such removal is necessary for

(Continued)

WARNING! ***(Continued)***

repair or maintenance. Make sure that no one is near the engine compartment before starting the vehicle with the air induction system (air cleaner, hoses, etc.) removed. Failure to do so can result in serious personal injury.

Engine Air Cleaner Filter Selection

The quality of replacement engine air cleaner filters varies considerably. Only high quality filters should be used to assure most efficient service. MOPAR® engine air cleaner filters are a high quality filter and are recommended.

Maintenance-Free Battery

Your vehicle is equipped with a maintenance-free battery. You will never have to add water, nor is periodic maintenance required.

WARNING!

- Battery fluid is a corrosive acid solution and can burn or even blind you. Do not allow battery fluid to contact your eyes, skin, or clothing. Do not lean over a battery when attaching clamps. If acid splashes in eyes or on skin, flush the area immediately with large amounts of water. Refer to "Jump-Starting Procedures" in "What To Do In Emergencies" for further information.
- Battery gas is flammable and explosive. Keep flame or sparks away from the battery. Do not use a booster battery or any other booster source with an output greater than 12 Volts. Do not allow cable clamps to touch each other.
- Battery posts, terminals, and related accessories contain lead and lead compounds. Wash hands after handling.

CAUTION!

- It is essential when replacing the cables on the battery that the positive cable is attached to the positive post and the negative cable is attached to the negative post. Battery posts are marked positive (+) and negative (-) and are identified on the battery case. Cable clamps should be tight on the terminal posts and free of corrosion.
- If a "fast charger" is used while the battery is in the vehicle, disconnect both vehicle battery cables before connecting the charger to the battery. Do not use a "fast charger" to provide starting voltage.

Air Conditioner Maintenance

For best possible performance, your air conditioner should be checked and serviced by an authorized dealer at the start of each warm season. This service should include cleaning of the condenser fins and a performance test. Drive belt tension should also be checked at this time.

WARNING!

- Use only refrigerants and compressor lubricants approved by the manufacturer for your air conditioning system. Some unapproved refrigerants are flammable and can explode, injuring you. Other unapproved refrigerants or lubricants can cause the system to fail, requiring costly repairs. Refer to Warranty Information Book, located on the DVD, for further warranty information.

CAUTION!

Do not use chemical flushes in your air conditioning system as the chemicals can damage your air conditioning components. Such damage is not covered by the New Vehicle Limited Warranty.

Refrigerant Recovery And Recycling R134a — If Equipped

R-134a Air Conditioning Refrigerant is a hydrofluorocarbon (HFC) that is endorsed by the Environmental Protection Agency and is an ozone-saving product. However, the manufacturer recommends that air conditioning service be performed by authorized dealer or other service facilities using recovery and recycling equipment.

NOTE:

Use only manufacturer approved A/C system PAG compressor oil and refrigerants.

Refrigerant Recovery And Recycling HFO 1234yf — If Equipped

HFO 1234yf Air Conditioning Refrigerant is a hydrofluorocarbon (HFC) that is endorsed by the Environmental Protection Agency and is an ozone-saving product with a low GWP (Global Warming Potential). However, the manufacturer recommends that air conditioning service be performed by authorized dealer or other service facilities using recovery and recycling equipment.

NOTE:

Use only manufacturer approved A/C system PAG compressor oil and refrigerants.

A/C Air Filter — If Equipped

Refer to the "Service and Warranty Handbook" for the proper maintenance intervals.

WARNING!

Do not remove the A/C air filter while the blower is operating or personal injury may result.

Body Lubrication

Locks and all body pivot points, including such items as seat tracks, door hinge pivot points and rollers, liftgate, tailgate, decklid, sliding doors and hood hinges, should be lubricated periodically with a lithium based grease, such as MOPAR® Spray White Lube to assure quiet, easy operation and to protect against rust and wear. Prior to the application of any lubricant, the parts concerned should be wiped clean to remove dust and grit; after lubricating excess oil and grease should be removed. Particular attention should also be given to hood latching components to ensure proper function. When performing other underhood services, the hood latch, release mechanism and safety catch should be cleaned and lubricated.

The external lock cylinders should be lubricated twice a year, preferably in the Fall and Spring. Apply a small amount of a high quality lubricant, such as MOPAR® Lock Cylinder Lubricant directly into the lock cylinder.

Windshield Wiper Blades

Clean the rubber edges of the wiper blades and the windshield periodically with a sponge or soft cloth and a mild nonabrasive cleaner. This will remove accumulations of salt or road film.

Operation of the wipers on dry glass for long periods may cause deterioration of the wiper blades. Always use washer fluid when using the wipers to remove salt or dirt from a dry windshield.

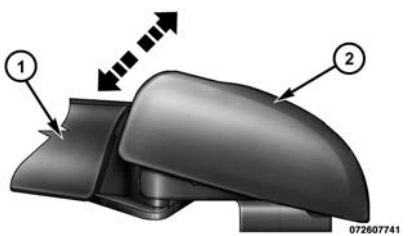
Avoid using the wiper blades to remove frost or ice from the windshield. Keep the blade rubber out of contact with petroleum products such as engine oil, gasoline, etc.

NOTE:

Life expectancy of wiper blades varies depending on geographical area and frequency of use. Poor performance of blades may be present with chattering, marks, water lines or wet spots. If any of these conditions are present, clean the wiper blades or replace as necessary.

Rear Wiper Blade Removal/Installation

1. Lift the pivot cap on the rear wiper arm upward, this will allow the rear wiper blade to be raised off of the liftgate glass.

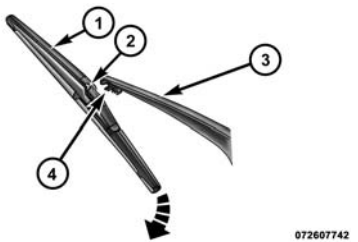


1 — Wiper Arm
2 — Pivot Cap

NOTE:

The rear wiper arm cannot be raised fully upward unless the pivot cap is raised first.

2. Lift the rear wiper arm upward to raise the wiper blade off of the liftgate glass.
3. Grab the bottom of the wiper blade and rotate it forward to unsnap the blade pivot pin from the wiper blade holder.



1 — Wiper Blade
2 — Blade Pivot Pin
3 — Wiper Arm
4 — Wiper Blade Holder

4. Install the wiper blade pivot pin into the wiper blade holder at the end of the wiper arm, and firmly press the wiper blade until it snaps into place.
5. Lower the wiper blade and snap the pivot cap into place.

Adding Washer Fluid

The windshield and rear window washers share the same fluid reservoir. The fluid reservoir is located in the front of the engine compartment. Be sure to check the fluid level in the reservoir at regular intervals. Fill the reservoir with windshield washer solvent (not radiator antifreeze) and operate the system for a few seconds to flush out the residual water.

When refilling the washer fluid reservoir, take some washer fluid and apply it to a cloth or towel and wipe clean the wiper blades, this will help blade performance.

To prevent freeze-up of your windshield washer system in cold weather, select a solution or mixture that meets or exceeds the temperature

range of your climate. This rating information can be found on most washer fluid containers.

WARNING!

Commercially available windshield washer solvents are flammable. They could ignite and burn you. Care must be exercised when filling or working around the washer solution.

Exhaust System

The best protection against carbon monoxide entry into the vehicle body is a properly maintained engine exhaust system.

If you notice a change in the sound of the exhaust system; or if the exhaust fumes can be detected inside the vehicle; or when the underside or rear of the vehicle is damaged; have an authorized technician inspect the complete exhaust system and adjacent body areas for broken, damaged, deteriorated, or mispositioned parts. Open seams or loose connections could permit exhaust fumes to seep into the passenger compartment. In addition, have the exhaust system inspected each time the vehicle is raised for lubrication or oil change. Replace as required.

WARNING!

- Exhaust gases can injure or kill. They contain carbon monoxide (CO), which is colorless and odorless. Breathing it can make you unconscious and can eventually poison you. To avoid breathing CO, refer to "Safety Tips/Exhaust Gas" in "Things To Know Before Starting Your Vehicle" for further information.
- A hot exhaust system can start a fire if you park over materials that can burn. Such materials might be grass or leaves coming into contact with your exhaust system. Do not park or operate your vehicle in areas where your exhaust system can contact anything that can burn.

CAUTION!

- The catalytic converter requires the use of unleaded fuel only. Leaded gasoline will destroy the effectiveness of the catalyst as an emissions control device and may seriously reduce engine performance and cause serious damage to the engine.
- Damage to the catalytic converter can result if your vehicle is not kept in proper operating condition. In the event of engine malfunction, particularly involving engine misfire or other apparent loss of performance, have your vehicle serviced promptly. Continued operation of your vehicle with a severe malfunction could cause the converter to overheat, resulting in possible damage to the converter and vehicle.

Under normal operating conditions, the catalytic converter will not require maintenance. However, it is important to keep the engine properly tuned to assure proper catalyst operation and prevent possible catalyst damage.

NOTE:
Intentional tampering with emissions control systems can result in civil penalties being assessed against you.

In unusual situations involving grossly malfunctioning engine operation, a scorching odor may suggest severe and abnormal catalyst overheating. If this occurs, stop the vehicle, turn off the engine and allow it to cool. Service, including a tune-up to manufacturer's specifications, should be obtained immediately.

To minimize the possibility of catalytic converter damage:

- Do not shut off the engine or interrupt the ignition, when the transmission is in gear and the vehicle is in motion.
- Do not try to start the engine by pushing or towing the vehicle.
- Do not idle the engine with any spark plug wires disconnected or removed, such as when diagnostic testing, or for prolonged periods during very rough idle or malfunctioning operating conditions.

Cooling System

WARNING!

You or others can be badly burned by hot engine coolant (antifreeze) or steam from your radiator. If you see or hear steam coming from under the hood, do not open the hood until the radiator has had time to cool. Never try to open a cooling system pressure cap when the radiator or coolant bottle is hot.

Engine Coolant Checks
Check the engine coolant (antifreeze) protection every 12 months (before the onset of freezing weather, where applicable). If the engine coolant (antifreeze) is dirty, the system should be drained, flushed, and refilled with fresh OAT coolant (conforming to MS-12106) by an authorized dealer. Check the front of the A/C condenser for any accumulation of bugs, leaves, etc. If dirty, clean by gently spraying water from a garden hose vertically down the face of the condenser.

Check the engine cooling system hoses for brittle rubber, cracking, tears, cuts, and tightness of the connection at the coolant recovery bottle and radiator. Inspect the entire system for leaks.

With the engine at normal operating temperature (but not running), check the cooling system pressure cap for proper vacuum sealing by draining a small amount of engine coolant (antifreeze) from the radiator drain cock. If the cap is sealing properly, the engine coolant (antifreeze) will begin to drain from the coolant recovery bottle. DO NOT REMOVE THE COOLANT PRESSURE CAP WHEN THE COOLING SYSTEM IS HOT.

Cooling System — Drain, Flush And Refill

NOTE:

Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe internal engine damage. If any coolant is needed to be added to the system please contact your local authorized dealer.

If the engine coolant (antifreeze) is dirty or contains visible sediment, have an authorized dealer clean and flush with OAT coolant (antifreeze) (conforming to MS-12106).

Refer to the "Service and Warranty Handbook" for the proper maintenance intervals.

Selection Of Coolant

Refer to "Fluids, Lubricants, and Genuine Parts" in "Maintaining Your Vehicle" for further information.

CAUTION!

- Mixing of engine coolant (antifreeze) other than specified Organic Additive Technology (OAT) engine coolant (antifreeze), may result in engine damage and may decrease corrosion protection. Organic Additive Technology (OAT) engine coolant is different and should not be mixed with Hybrid Organic Additive Technology (HOAT) engine coolant (antifreeze) or any "globally compatible" coolant (antifreeze). If a non-OAT engine coolant (antifreeze) is introduced into the cooling system in an emergency, the cooling system will need to be drained, flushed, and refilled with fresh OAT coolant (conforming to MS-12106), by an authorized dealer as soon as possible.

(Continued)

CAUTION! ***(Continued)***

- Do not use water alone or alcohol-based engine coolant (antifreeze) products. Do not use additional rust inhibitors or antirust products, as they may not be compatible with the radiator engine coolant and may plug the radiator.
- This vehicle has not been designed for use with propylene glycol-based engine coolant (antifreeze). Use of propylene glycol-based engine coolant (antifreeze) is not recommended.

Adding Coolant

Your vehicle has been built with an improved engine coolant (OAT coolant conforming to MS-12106) that allows extended maintenance intervals. This engine coolant (antifreeze) can be used up to ten years or 150,000 miles (240,000 km) before replacement. To prevent reducing this extended maintenance period, it is important that you use the same engine coolant (OAT coolant conforming to MS-12106) throughout the life of your vehicle.

Please review these recommendations for using Organic Additive Technology (OAT) engine coolant (antifreeze) that meets the requirements of Chrysler Material Standard MS-12106. When adding engine coolant (antifreeze):

- We recommend using MOPAR® Antifreeze/ Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) that meets the requirements of Chrysler Material Standard MS-12106.
- Mix a minimum solution of 50% OAT engine coolant that meets the requirements of Chrysler Material Standard MS-12106 and distilled water. Use higher concentrations (not to exceed 70%) if temperatures below –34° F (–37° C) are anticipated.
- Use only high purity water such as distilled or deionized water when mixing the water/ engine coolant (antifreeze) solution. The use of lower quality water will reduce the amount of corrosion protection in the engine cooling system.

Please note that it is the owner's responsibility to maintain the proper level of protection against freezing according to the temperatures occurring in the area where the vehicle is operated.

NOTE:

- **Some vehicles require special tools to add coolant properly. Failure to fill these systems properly could lead to severe internal engine damage. If any coolant is needed to be added to the system please contact your local authorized dealer.**
- **Mixing engine coolant (antifreeze) types is not recommended and can result in cooling system damage. If HOAT and OAT coolant are mixed in an emergency, have a authorized dealer drain, flush, and refill with OAT coolant (conforming to MS-12106) as soon as possible.**

Cooling System Pressure Cap

The cap must be fully tightened to prevent loss of engine coolant (antifreeze), and to ensure that engine coolant (antifreeze) will return to the radiator from the coolant recovery tank.

The cap should be inspected and cleaned if there is any accumulation of foreign material on the sealing surfaces.

WARNING!

- Do not open hot engine cooling system. Never add engine coolant (antifreeze) when the engine is overheated. Do not loosen or remove the cap to cool an overheated engine. Heat causes pressure to build up in the cooling system. To prevent scalding or injury, do not remove the pressure cap while the system is hot or under pressure.
- Do not use a pressure cap other than the one specified for your vehicle. Personal injury or engine damage may result.

Disposal Of Used Engine Coolant

Used ethylene glycol-based engine coolant (antifreeze) is a regulated substance requiring proper disposal. Check with your local authorities to determine the disposal rules for your community. To prevent ingestion by animals or children, do not store ethylene glycol-based engine coolant in open containers or allow it to remain in puddles on the ground. If ingested by a child or pet, seek emergency assistance immediately. Clean up any ground spills immediately.

Coolant Level

The coolant bottle provides a quick visual method for determining that the coolant level is adequate. With the engine OFF and cold, the level of the engine coolant (antifreeze) in the bottle should be between the ranges indicated on the bottle.

The radiator normally remains completely full, so there is no need to remove the radiator/coolant pressure cap unless checking for engine coolant (antifreeze) freeze point or replacing coolant. Advise your service attendant of this. As long as the engine operating temperature is satisfactory, the coolant bottle need only be checked once a month.

When additional engine coolant (antifreeze) is needed to maintain the proper level, only OAT coolant that meets the requirements of Chrysler Material Standard MS-12106 should be added to the coolant bottle. Do not overfill.

Points To Remember

NOTE:

When the vehicle is stopped after a few miles/kilometers of operation, you may observe vapor coming from the front of the engine compartment. This is normally a result of moisture from rain, snow, or high humidity accumulating on the radiator and being vaporized when the thermostat opens, allowing hot engine coolant (antifreeze) to enter the radiator.

If an examination of your engine compartment shows no evidence of radiator or hose leaks, the vehicle may be safely driven. The vapor will soon dissipate.

- Do not overfill the coolant expansion bottle.
- Check the coolant freeze point in the radiator and in the coolant expansion bottle. If engine coolant (antifreeze) needs to be added, the contents of the coolant expansion bottle must also be protected against freezing.
- If frequent engine coolant (antifreeze) additions are required, the cooling system should be pressure tested for leaks.
- Maintain engine coolant (antifreeze) concentration at a minimum of 50% OAT coolant (conforming to MS-12106) and distilled water for proper corrosion protection of your engine which contains aluminum components.
- Make sure that the coolant expansion bottle overflow hoses are not kinked or obstructed.
- Keep the front of the radiator clean. If your vehicle is equipped with air conditioning, keep the front of the condenser clean.
- Do not change the thermostat for Summer or Winter operation. If replacement is ever necessary, install ONLY the correct type thermostat. Other designs may result in unsatisfactory engine coolant (antifreeze) performance, poor gas mileage, and increased emissions.

Brake System

In order to assure brake system performance, all brake system components should be inspected periodically. Refer to the “Service and Warranty Handbook” for the proper maintenance intervals.

WARNING!

Riding the brakes can lead to brake failure and possibly a collision. Driving with your foot resting or riding on the brake pedal can result in abnormally high brake temperatures, excessive lining wear, and possible brake damage. You would not have your full braking capacity in an emergency.

Brake Master Cylinder

The fluid in the master cylinder should be checked when performing under hood services or immediately if the “Brake Warning Light” is illuminated.

Be sure to clean the top of the master cylinder area before removing the cap. If necessary, add fluid to bring the fluid level up to the requirements described on the brake fluid reservoir. With disc brakes, fluid level can be expected to fall as the brake pads wear. Brake fluid level should be checked when pads are replaced. However, low fluid level may be caused by a leak and a checkup may be needed.

Use only manufacturer’s recommended brake fluid. Refer to “Fluids, Lubricants, and Genuine Parts” in “Maintaining Your Vehicle” for further information.

WARNING!

- Use only manufacturer’s recommended brake fluid. Refer to “Fluids, Lubricants, and Genuine Parts” in “Maintaining Your Vehicle” for further information. Using the wrong type of brake fluid can severely damage your brake system and/or impair its performance. The proper type of brake fluid for your vehicle is also identified on the original factory installed hydraulic master cylinder reservoir.

(Continued)

WARNING! ***(Continued)***

- To avoid contamination from foreign matter or moisture, use only new brake fluid or fluid that has been in a tightly closed container. Keep the master cylinder reservoir cap secured at all times. Brake fluid in a open container absorbs moisture from the air resulting in a lower boiling point. This may cause it to boil unexpectedly during hard or prolonged braking, resulting in sudden brake failure. This could result in a collision.
- Overfilling the brake fluid reservoir can result in spilling brake fluid on hot engine parts, causing the brake fluid to catch fire. Brake fluid can also damage painted and vinyl surfaces, care should be taken to avoid its contact with these surfaces.
- Do not allow petroleum based fluid to contaminate the brake fluid. Brake seal components could be damaged, causing partial or complete brake failure. This could result in a collision.

Automatic Transmission — If Equipped

Selection Of Lubricant

It is important to use the proper transmission fluid to ensure optimum transmission performance and life. Use only the manufacturer's specified transmission fluid. Refer to "Fluids, Lubricants, and Genuine Parts" in this section for fluid specifications. It is important to maintain the transmission fluid at the correct level using the recommended fluid. No chemical flushes should be used in any transmission; only the approved lubricant should be used.

CAUTION!

Using a transmission fluid other than the manufacturer's recommended fluid may cause deterioration in transmission shift quality and/or torque converter shudder. Refer to "Fluids, Lubricants, and Genuine Parts" in this section for fluid specifications.

Special Additives

The manufacturer strongly recommends against using any special additives in the transmission. Automatic Transmission Fluid (ATF) is an engineered product and its performance may be impaired by supplemental additives. Therefore, do not add any fluid additives to the transmission. The only exception to this policy is the use of special dyes for diagnosing fluid leaks. Avoid using transmission sealers as they may adversely affect seals.

CAUTION!

Do not use chemical flushes in your transmission as the chemicals can damage your transmission components. Such damage is not covered by the New Vehicle Limited Warranty.

Fluid Level Check

The fluid level is preset at the factory and does not require adjustment under normal operating conditions. Routine fluid level checks are not required, therefore the transmission has no dipstick. Your authorized dealer can check your transmission fluid level using special service tools. If you notice fluid leakage or transmission malfunction, visit your authorized dealer immediately to have the transmission fluid level checked. Operating the vehicle with an improper fluid level can cause severe transmission damage.

CAUTION!

If a transmission fluid leak occurs, visit your authorized dealer immediately. Severe transmission damage may occur. Your authorized dealer has the proper tools to adjust the fluid level accurately.

Fluid And Filter Changes

Under normal operating conditions, the fluid installed at the factory will provide satisfactory lubrication for the life of the vehicle.

Routine fluid and filter changes are not required. However, change the fluid and filter if the fluid becomes contaminated (with water, etc.), or if the transmission is disassembled for any reason.

Manual Transmission — If Equipped

Lubricant Selection
Use only the manufacturers recommended transmission fluid. Refer to “Fluids, Lubricants, and Genuine Parts” in “Maintaining Your Vehicle” for further information.

Fluid Level Check
Check the fluid level by removing the fill plug. The fluid level should be between the bottom of the fill hole and a point not more than 3/16 in (4.7 mm) below the bottom of the hole.

Add fluid, if necessary, to maintain the proper level.

Frequency Of Fluid Change
Under normal operating conditions, the fluid installed at the factory will give satisfactory lubrication for the life of the vehicle. Fluid changes are not necessary unless lubricant has become contaminated with water.

NOTE:

If contaminated with water, the fluid should be changed immediately.

Appearance Care And Protection From Corrosion

Protection Of Body And Paint From Corrosion
Vehicle body care requirements vary according to geographic locations and usage. Chemicals that make roads passable in snow and ice and those that are sprayed on trees and road surfaces during other seasons are highly corrosive to the metal in your vehicle. Outside parking, which exposes your vehicle to airborne contaminants, road surfaces on which the vehicle is operated, extreme hot or cold weather and other extreme conditions will have an adverse effect on paint, metal trim, and underbody protection.

The following maintenance recommendations will enable you to obtain maximum benefit from the corrosion resistance built into your vehicle.

What Causes Corrosion?
Corrosion is the result of deterioration or removal of paint and protective coatings from your vehicle.

The most common causes are:

- Road salt, dirt and moisture accumulation.
- Stone and gravel impact.
- Insects, tree sap and tar.
- Salt in the air near seacoast localities.
- Atmospheric fallout/industrial pollutants.

Washing

- Wash your vehicle regularly. Always wash your vehicle in the shade using MOPAR® Car Wash, or a mild car wash soap, and rinse the panels completely with clear water.
- If insects, tar, or other similar deposits have accumulated on your vehicle, use MOPAR® Super Kleen Bug and Tar Remover to remove.
- Use a high quality cleaner wax, such as MOPAR® Cleaner Wax to remove road film, stains and to protect your paint finish. Take care never to scratch the paint.

- Avoid using abrasive compounds and power buffing that may diminish the gloss or thin out the paint finish.

CAUTION!

- Do not use abrasive or strong cleaning materials such as steel wool or scouring powder that will scratch metal and painted surfaces.
- Use of power washers exceeding 1,200 psi (8 274 kPa) can result in damage or removal of paint and decals.

Special Care

- If you drive on salted or dusty roads or if you drive near the ocean, hose off the undercarriage at least once a month.
- It is important that the drain holes in the lower edges of the doors, rocker panels, and trunk be kept clear and open.
- If you detect any stone chips or scratches in the paint, touch them up immediately. The cost of such repairs is considered the responsibility of the owner.
- If your vehicle is damaged due to a collision or similar cause that destroys the paint and protective coating, have your vehicle repaired as soon as possible. The cost of such repairs is considered the responsibility of the owner.
- If you carry special cargo such as chemicals, fertilizers, de-icer salt, etc., be sure that such materials are well packaged and sealed.
- If a lot of driving is done on gravel roads, consider mud or stone shields behind each wheel.
- Use MOPAR® Touch Up Paint on scratches as soon as possible. Your authorized dealer has touch up paint to match the color of your vehicle.

Wheel And Wheel Trim Care

- All wheels and wheel trim, especially aluminum and chrome plated wheels, should be cleaned regularly with a mild soap and water to prevent corrosion.
- To remove heavy soil and/or excessive brake dust, use MOPAR® Wheel Cleaner.

NOTE:

If your vehicle is equipped with Dark Vapor or Black Satin Chrome wheels DO NOT USE wheel cleaners, abrasives or polishing compounds. They will permanently damage this finish and such damage is not covered by the New Vehicle Limited Warranty. USE ONLY MILD SOAP AND WATER WITH A SOFT CLOTH. Used on a regular basis this is all that is required to maintain this finish.

CAUTION!

Do not use scouring pads, steel wool, a bristle brush, or metal polishes. Do not use oven cleaner. These products may damage the wheel's protective finish. Avoid automatic car washes that use acidic solutions or harsh brushes that may damage the wheel's protective finish. Only MOPAR® Wheel Cleaner or equivalent is recommended.

Stain Repel Fabric Cleaning Procedure — If Equipped

Stain Repel seats may be cleaned in the following manner:

- Remove as much of the stain as possible by blotting with a clean, dry towel.
- Blot any remaining stain with a clean, damp towel.
- For tough stains, apply MOPAR® Total Clean, or a mild soap solution to a clean, damp cloth and remove stain. Use a fresh, damp towel to remove soap residue.
- For grease stains, apply MOPAR® Multi-Purpose Cleaner to a clean, damp cloth and remove stain. Use a fresh, damp towel to remove soap residue.
- Do not use any harsh solvents or any other form of protectants on Stain Repel products.

Interior Care

Instrument Panel Cover

The instrument panel cover has a low glare surface, which minimizes reflections in the windshield. Do not use protectants or other products, which may cause undesirable reflections. Use soap and warm water to restore the low glare surface.

Cleaning Interior Trim

Clean interior trim with a damp cloth and MOPAR® Total Clean or equivalent, and if necessary, follow with MOPAR® Spot & Stain Remover or equivalent. Do not use harsh cleaners or Armor All®. Use MOPAR® Total Clean or equivalent to clean vinyl upholstery.

Cleaning Leather Upholstery

MOPAR® Total Clean or equivalent is specifically recommended for leather upholstery.

Your leather upholstery can be best preserved by regular cleaning with a damp soft cloth. Small particles of dirt can act as an abrasive and damage the leather upholstery and should be removed promptly with a damp cloth. Stubborn soils can be removed easily with a soft cloth and MOPAR® Total Clean or equivalent. Care should be taken to avoid soaking leather upholstery with any liquid. Please do not use polishes, oils, cleaning fluids, solvents, detergents, or ammonia-based cleaners to clean leather upholstery. Application of a leather conditioner is not required to maintain the original condition.

WARNING!

Do not use volatile solvents for cleaning purposes. Many are potentially flammable, and if used in closed areas they may cause respiratory harm.

Cleaning Headlights

Your vehicle is equipped with plastic headlights and fog lights that are lighter and less susceptible to stone breakage than glass headlights.

Plastic is not as scratch resistant as glass and therefore different lens cleaning procedures must be followed.

To minimize the possibility of scratching the lenses and reducing light output, avoid wiping with a dry cloth. To remove road dirt, wash with a mild soap solution followed by rinsing.

Do not use abrasive cleaning components, solvents, steel wool or other aggressive material to clean the lenses.

Glass Surfaces
All glass surfaces should be cleaned on a regular basis with MOPAR® Glass Cleaner, or any commercial household-type glass cleaner. Never use an abrasive type cleaner. Use caution when cleaning the inside rear window equipped with electric defrosters or the right rear quarter window equipped with the radio antenna. Do not use scrapers or other sharp instrument that may scratch the elements.

When cleaning the rear view mirror, spray cleaner on the towel or rag that you are using. Do not spray cleaner directly on the mirror.

Cleaning Plastic Instrument Cluster Lenses
The lenses in front of the instruments in this vehicle are molded in clear plastic. When cleaning the lenses, care must be taken to avoid scratching the plastic.

1. Clean with a wet soft rag. A mild soap solution may be used, but do not use high alcohol content or abrasive cleaners. If soap is used, wipe clean with a clean damp rag.
2. Dry with a soft cloth.

Seat Belt Maintenance
Do not bleach, dye or clean the belts with chemical solvents or abrasive cleaners. This will weaken the fabric. Sun damage can also weaken the fabric.

If the belts need cleaning, use a mild soap solution or lukewarm water. Do not remove the belts from the car to wash them. Dry with a soft cloth.

Replace the belts if they appear frayed or worn or if the buckles do not work properly.

WARNING!

A frayed or torn belt could rip apart in a collision and leave you with no protection. Inspect the belt system periodically, checking for cuts, frays, or loose parts. Damaged parts must be replaced immediately. Do not disassemble or modify the system. Seat belt assemblies must be replaced after a collision if they have been damaged (i.e., bent retractor, torn webbing, etc.).

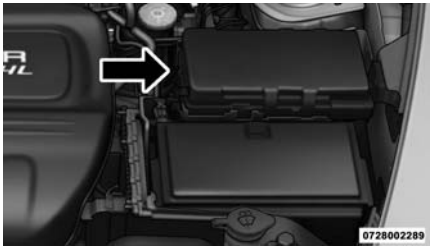
FUSES

WARNING!

- When replacing a blown fuse, always use an appropriate replacement fuse with the same amp rating as the original fuse. Never replace a fuse with another fuse of higher amp rating. Never replace a blown fuse with metal wires or any other material. Failure to use proper fuses may result in serious personal injury, fire and/or property damage.
- Before replacing a fuse, make sure that the ignition is off and that all the other services are switched off and/or disengaged.
- If the replaced fuse blows again, contact an authorized dealer.
- If a general protection fuse for safety systems (air bag system, braking system), power unit systems (engine system, gearbox system) or steering system blows, contact an authorized dealer.

Power Distribution Center

The Power Distribution Center is located in the engine compartment near the battery. This center contains cartridge fuses, mini-fuses and relays. A label that identifies each component is printed on the inside of the cover.



Power Distribution Center

Cavity	Blade Fuse	Cartridge Fuse	Description
F06	–	–	Not Used
F07	15 Amp Blue	–	Powertrain Control Module - PCM
F08	25 Amp Clear	–	Engine Control Module (ECM)
F09	–	–	Not Used
F10	20 Amp Yellow	–	Power Transfer Unit (PTU) – If Equipped
F11	–	–	Not Used
F12	20 Amp Yellow	–	Brake Vacuum Pump - If Equipped
F13	10 Amp Red	–	Engine Control Module (ECM)
F14	10 Amp Red	–	Drivetrain Control Module (DTCM) / Power Take-Off Unit (PTU) / Brake System Module (BSM) – If Equipped

Cavity	Blade Fuse	Cartridge Fuse	Description
F15	–	–	Not Used
F16	20 Amp Yellow	–	Powertrain
F17	–	–	Not Used
F18	–	–	Not Used
F19	–	40 Amp Green	Starter Solenoid
F20	10 Amp Red	–	A/C Compressor Clutch
F21	–	–	Not Used
F22	5 Amp Tan	–	Radiator Fan
F23	70 Amp Tan	–	Body Controller Module (BCM) - Feed 2
F23	50 Amp Red	–	Voltage Stability Module (VSM) Feed #2 - If Equipped with Stop/Start Engine Option
F24	20 Amp Yellow	–	Rear Wiper — If Equipped with Stop/ Start Engine Option
F25B	20 Amp Yellow	–	Front Washer — If Equipped with Stop/ Start Engine Option
F26	–	30 Amp Pink	Fuel Heater - Diesel Only
F27	–	–	Not Used
F28	15 Amp Blue	–	Transmission Control Module (TCM)
F29	–	–	Not Used
F30	10 Amp Red	–	Engine Control Module (ECM)/(EPS)/ (PCM)

Cavity	Blade Fuse	Cartridge Fuse	Description
F31	–	–	Not Used
F32	–	–	Not Used
F33	–	–	Not Used
F34	–	–	Not Used
F35	–	–	Not Used
F36	–	–	Not Used
F37	–	–	Not Used
F38	–	–	Not Used
F38	–	60 Amp Yellow	Glow Plugs (Diesel Only) - If Equipped
F39	–	40 Amp Green	HVAC Blower Motor
F40	–	20 Amp Blue	Trailer Tow Park Light - If Equipped
F40	–	30 Amp Pink	Headlamp Washer Pump - If Equipped
F41	–	60 Amp Yellow	Body Controller Module (BCM) - Feed 1
F41	–	50 Amp Red	Voltage Stability Module - Feed 1 - If Equipped with Stop/Start Engine Option
F42	–	30 Amp Pink	Trailer Tow Electric Brake Module
F43	20 Amp Yellow	–	Fuel Pump Motor
F44	–	30 Amp Pink	Trailer Tow / 7-Way Connector - If Equipped
F45	–	30 Amp Pink	Passenger Door Module (PDM) - If Equipped

Cavity	Blade Fuse	Cartridge Fuse	Description
F46	–	25 Amp Clear	Sunroof / Skyslider - If Equipped
F47	–	30 Amp Pink	Drivetrain Control Module (DTCM)
F48	–	30 Amp Pink	Driver Door Module - If Equipped
F49	–	30 Amp Pink	Power Inverter (115V A/C) - If Equipped
F50	–	30 Amp Pink	Power Liftgate - If Equipped
F51	–	–	Not Used
F52	–	30 Amp Pink	Front Wipers - If Equipped with Stop/ Start Engine Option
F53	–	30 Amp Pink	Brake System Module & Valves
F54	–	30 Amp Pink	Body Control Module (BCM) Feed 3
F55	10 Amp Red	–	Blind Spot Sensors / Compass / Rear-view Camera / Trunk Lamp With Flash-lamp Charger - If Equipped
F56	15 Amp Blue	–	Ignition Node Module (IGNM)/KIN/RF Hub/Electric Steering Column Lock (ESL)
F57	20 Amp Yellow	–	Trailer Tow Lights Left - If Equipped
F58	10 Amp Red	–	Occupant Classification Module
F59	–	30 Amp Pink	Drivetrain Control Module (DTCM) If Equipped
F60	20 Amp Yellow	–	Power Outlet - Center Console
F61	20 Amp Yellow	–	Trailer Tow Lights Right– If Equipped

Cavity	Blade Fuse	Cartridge Fuse	Description
F62	20 Amp Yellow	–	Windshield de-icer - If Equipped
F63	20 Amp Yellow	–	Front Heated Seats - If Equipped
F64	20 Amp Yellow	–	Heated Steering Wheel – If Equipped
F65	10 Amp Red	–	In Car Temperature Sensor / Humidity Sensor / Driver Assist System Module (DASM) / Park Assist (PAM) - If Equipped With Stop/Start option
F66	15 Amp Blue	–	HVAC (ECC) / Instrument Panel Cluster (IPC)
F67	10 Amp Red	–	In Car Temperature Sensor / Humidity Sensor / Driver Assist System Module (DASM) / Park Assist (PAM) - If Not Equipped With Stop/Start Option
F68	–	–	Not Used
F69	10 Amp Red	–	Power Transfer Unit Switch (TSBM) / Active Grill Shutter (AGS) - If Equipped
F70	5 Amp Tan	–	Intelligent Battery Sensor If Equipped with Stop/Start Engine Option
F71	20 Amp Yellow	–	HID Headlamp Right if Equipped with Stop/Start Engine Option
F72	10 Amp Red	–	Heated Mirrors - If Equipped
F73	–	20 Amp Blue	Trailer Tow Back Up - If Equipped

Cavity	Blade Fuse	Cartridge Fuse	Description
F74	–	30 Amp Pink	Rear Defroster
F75	20 Amp Yellow	–	Cigar Lighter
F76	20 Amp Yellow	–	Rear Differential Module (RDM) - If Equipped
F77	10 Amp Red	–	Fuel Door Release/Brake Pedal Switch
F78	10 Amp Red	–	Diagnostic Port
F79	10 Amp Red	–	Integrated Center Stack (ICS) / HVAC / Aux Switch Bank Module (ASBM) / Instrument Panel Cluster (IPC)
F80	20 Amp Yellow	–	Radio / CD - If Equipped
F81	–	–	Not Used
F82	–	–	Not Used
F83	–	20 Amp Blue	Engine Controller Module (Gas)
F84	–	30 Amp Pink	Electric Park Brake (EPB) - Left
F85	–	–	Not Used
F86	20 Amp Yellow	–	Horns - If Equipped With Stop/Start Engine Option
F87A	20 Amp Yellow	–	HID Headlamp Left - If Equipped with Stop/Start Engine Option

Cavity	Blade Fuse	Cartridge Fuse	Description
F88	15 Amp Blue	–	Collision Mitigation Module (CMM) / Electrochromatic Mirror / Smart Camera Module - If Equipped
F89	10 Amp Red	–	Headlamp Leveling - If Equipped
F90	–	–	Not Used
F91	20 Amp Yellow	–	Power Outlet Rear
F92	–	–	Not Used
F93	–	40 Amp Green	Brake System Module (BSM) - Pump Motor
F94	–	30 Amp Pink	Electric Park Brake (EPB) - Right
F95	10 Amp Red	–	Electrochromatic Mirror / Rain Sensor / Sunroof - If Equipped / Passenger Window Switch / Power Outlet Console
F96	10 Amp Red	–	Occupant Restraint Controller (ORC) / (Airbag)
F97	10 Amp Red	–	Occupant Restraint Controller (ORC) / (Airbag)
F98	25 Amp Clear	–	Audio Amplifier - If Equipped
F99	–	–	Not Used
F100	–	–	Not Used

Interior Fuses

The interior fuse panel is located in the passenger compartment on the left side dash panel under the instrument panel.

Cavity	Blade Fuse	Description
F13	15 Amp Blue	Low Beam Left
F32	10 Amp Red	Interior Lighting
F36	10 Amp Red	Intrusion Module/Siren – If Equipped
F38	20 Amp Yellow	Deadbolt All Unlock
F43	20 Amp Yellow	Washer Pump Front
F48	25 Amp Clear	Fog Lamp Rear Left/Right – If Equipped
F49	7.5 Amp Brown	Lumbar Support
F50	7.5 Amp Brown	Wireless Charging Pad If Equipped
F51	10 Amp Red	Driver Window Switch/Power Mirrors – If Equipped
F53	7.5 Amp Brown	UCI Port (USB & AUX)
F89	10 Amp Red	Door Locks – Driver Unlock
F91	7.5 Amp Brown	Fog Lamp Front Left
F92	7.5 Amp Brown	Fog Lamp Front Right
F93	10 Amp Red	Low Beam Right

REPLACEMENT BULBS

Interior Bulbs

	Bulb Number
Cargo Lamp	TL212–2
Overhead Console Lamp	PLW214–2A
Reading Lamp	WL212–2

Exterior Bulbs

	Bulb Number
Low Beam/High Beam (Bi-Halogen) Headlamps	HIR2LL
Low Beam/High Beam (Bi-Xenon) Headlamps	D3S (Serviced at an Authorized Dealer)
Front Park/Daytime Running Lamps	LED (Serviced at an Authorized Dealer)
Front Turn Signal Lamps	WY21W
Front Fog Lamps	H11
Front Fog Lamps (Trailhawk)	PSX24W
Rear Tail/Stop Lamps	LED (Serviced at an Authorized Dealer)
Rear Turn Signal Lamps	WY21W

	Bulb Number
Center High Mounted Stop Lamp (CHMSL)	LED (Serviced at an Authorized Dealer)
Back-Up Lamps	W16W
License Plate Lamp	W5W
Rear Fog Lamps	W21W

BULB REPLACEMENT

NOTE:
Lens fogging can occur under certain atmospheric conditions. This will usually clear as atmospheric conditions change to allow the condensation to change back into a vapor. Turning the lamps on will usually accelerate the clearing process.

Low Beam And High Beam Headlamps

Bi-Xenon High Intensity Discharge (HID) Headlamps — If Equipped
The headlamps contain a type of high voltage discharge light source. High voltage can remain in the circuit even with the headlamp switch off. Because of this, you should not attempt to service a HID headlamp light source yourself. If an HID headlamp light source fails, take your vehicle to an authorized dealer for service.

NOTE:
On vehicles equipped with HID headlamps, when the headlamps are turned on, there is a blue hue to the lights. This diminishes and becomes more white after approximately 10 seconds, as the system charges.

WARNING!
A transient high voltage occurs at the bulb sockets of HID headlamps when the headlamp switch is turned ON. It may cause serious electrical shock or electrocution if not serviced properly. See your authorized dealer for service.

Bi-Halogen Headlamps

1. Remove the 3 hex head screws from the wheel liner.
2. Pull the exterior edge of the liner towards the tire to gain access to the headlamp bulb cap.
3. Firmly grasp the cap and rotate it counterclockwise to unlock it.
4. Firmly grasp the bulb and connector assembly and rotate counterclockwise to remove from the housing.
5. Disconnect the bulb from the electrical connector and then connect the replacement bulb.

CAUTION!

Do not touch the new bulb with your fingers. Oil contamination will severely shorten bulb life. If the bulb comes in contact with any oily surface, clean the bulb with rubbing alcohol.

6. Install the bulb and connector assembly into the headlamp housing and rotate clockwise to lock it in place.
7. Install the bulb cap in the headlamp housing and rotate clockwise to lock it in place.
8. Install the 3 hex head screws into the wheel liner.

Front Turn Signal Lamps

1. Open the hood.

NOTE:
Removal of the air cleaner filter housing may be necessary prior to replacing bulbs in the upper lamp assembly on the passenger side of the vehicle.

2. Twist the bulb and socket assembly counterclockwise, and then remove the bulb and socket assembly from the lamp housing.
3. Pull the bulb out of the socket and insert the replacement bulb.
4. Install the bulb and socket assembly into the housing, and rotate the socket clockwise to lock it in place.
5. Re-install air cleaner filter housing, if removed.

Front Fog Lamp

1. Remove the 3 hex head screws from the wheel liner.
2. Pull the exterior edge of the liner towards the tire to gain access to the bulb.
3. Rotate the bulb's socket counterclockwise, and remove the bulb and socket assembly from the fog lamp housing.
4. Pull the bulb out of the socket and insert the replacement bulb.

CAUTION!

Do not touch the new bulb with your fingers. Oil contamination will severely shorten bulb life. If the bulb comes in contact with any oily surface, clean the bulb with rubbing alcohol.

5. Install the bulb and socket assembly into the into the fog lamp housing, and rotate the connector clockwise to lock it in place.
6. Install the 3 hex head screws into the wheel liner.

Front Fog Lamp (Trailhawk)

1. Unlock lower access door in wheel liner.
2. Reach behind the fog lamp housing to access the bulb.
3. Squeeze the two tabs on the side of the bulb socket and pull straight out from the fog lamp.
4. Disconnect the wire harness from the bulb.

CAUTION!

Do not touch the new bulb with your fingers. Oil contamination will severely shorten bulb life. If the bulb comes in contact with any oily surface, clean the bulb with rubbing alcohol.

5. Reconnect the wiring harness to the new bulb and reinstall by inserting the new bulb straight into the fog lamp housing until it locks in place.
6. Lock the lower door in the wheel liner.

Rear Turn Signal Lamp

1. Open the liftgate.
2. Remove the screws that fasten the tail lamp housing to the vehicle.
3. Grasp the tail lamp and pull firmly rearward to disengage the lamp from the vehicle.
4. Disconnect the electrical connector.
5. Twist the socket counterclockwise and remove from housing.
6. Pull the bulb to remove it from the socket.
7. Replace the bulb and install the socket.
8. Reconnect the electrical connector.
9. Reinstall the tail lamp housing and screws.
10. Close the liftgate.

Back-up Lamp

1. Open the liftgate.
2. Use a fiber stick or flat blade screw driver to pry the lower trim from the liftgate.
3. Once the trim is loose, pull it back exposing the trim panel.
4. Using a fiber stick or flat blade screw driver, open the trim panel exposing the back of the liftgate lamp.

5. Disconnect the electrical connector.
6. Twist the socket counterclockwise and remove from lamp.
7. Pull the bulb to remove it from the socket.
8. Replace the bulb, reinstall the socket.
9. Connect the electrical connector.
10. Reinstall the trim panel and the lower trim.
11. Close the liftgate.

Rear Fog Lamp

1. Using a small screwdriver or fiber stick, press the locking tab on the reflex side of the lamp and pull the lamp assembly out for removal.
2. Disconnect the electrical connector.
3. Twist the socket counterclockwise and remove from lamp.
4. Pull the bulb to remove it from the socket.
5. Replace the bulb and twist the socket clockwise to reinstall.
6. Connect the electrical connector.
7. Reinstall the lamp by sliding the hook on the fog lamp side over the locking tab in the bumper opening and pushing the reflex side into the bumper to snap the lamp assembly back into place.

License Plate Lamp

1. Using a small screwdriver, press inward the locking tab on the side of the lamp assembly and pull down on the lamp assembly for removal.
2. Pull bulb from socket, replace, and reinstall the lamp assembly into place ensuring the locking tab is secure.

VEHICLE SPECIFICATIONS

Engine	2.4L	3.2L
Power	125 kW @ 6,000 RPM	148 kW @ 5,100 RPM
Torque	220 N.m @ 4,500 RPM	315 N.m @ 3,900 RPM
Maximum Vehicle Speed	Consult your Salesperson	Consult your Salesperson

NOTE:
A chime will sound if the vehicle speed exceeds 75 mph (120 km/h). It will continue to chime until the vehicle speed is reduced below 75 mph (120 km/h).

FLUID CAPACITIES

	U.S.	Metric
Fuel (Approximate)		
2.4L and 3.2L Gasoline Engines	15.8 Gallons	60 Liters
Engine Oil With Filter		
2.4 Liter Gasoline Engine (SAE 0W-20, API Certified)	5.5 Quarts	5.2 Liters
3.2 Liter Gasoline Engine (SAE 5W-20, API Certified)	6 Quarts	5.6 Liters
Cooling System*		
2.4 Liter Gasoline Engine (MOPAR® Antifreeze/Engine Coolant 10 Year/150,000 Mile Formula)	7 Quarts	6.6 Liters
3.2 Liter Gasoline Engine (MOPAR® Antifreeze/Engine Coolant 10 Year/150,000 Mile Formula)	9.7 Quarts	9.2 Liters
* Includes heater and coolant recovery bottle filled to MAX level.		

FLUIDS, LUBRICANTS AND GENUINE PARTS

Engine

Component	Fluid, Lubricant, or Genuine Part
Engine Coolant	We recommend you use MOPAR® Antifreeze/Coolant 10 Year/150,000 Mile Formula OAT (Organic Additive Technology).
Engine Oil – 2.4L Engine	We recommend you use API Certified SAE 0W-20 Engine Oil, such as MOPAR®, Pennzoil®, Shell Helix® or equivalent meeting the requirements of Chrysler Material Standard MS-6395 or ACEA A1/B1. Refer to your engine oil filler cap for correct SAE grade. If 0W-20 engine oil is not available, SAE 5W-20 engine oil approved to Chrysler Material Standard MS-6395 or ACEA A1/B1 may be used when SAE 0W-20 engine oil is not available. Please ensure that you switch back to 0W-20 for the next oil change, as indicated by your vehicles automatic oil change indicator.
Engine Oil – 3.2L Engine	We recommend you use API Certified SAE 5W-20 Engine Oil, such as MOPAR®, Pennzoil®, Shell Helix® or equivalent meeting the requirements of Chrysler Material Standard MS-6395 or ACEA A1/B1. Refer to your engine oil filler cap for correct SAE grade. SAE 5W-30 engine oil approved to Chrysler Material Standard MS-6395 or ACEA A1/B1 such as Pennzoil® or Shell Helix® may be used when SAE 5W-20 engine oil is not available.
Engine Oil Filter	We recommend you use a MOPAR® Engine Oil Filter.
Spark Plugs	We recommend you use MOPAR® Spark Plugs.
Fuel Selection – 2.4L Engine	91 Research Octane Number (RON)
Fuel Selection – 3.2L Engine	91–93 Research Octane Number (RON)

Chassis

Component	Fluid, Lubricant, or Genuine Part
Automatic Transmission	Use only MOPAR® ZF 8&9 Speed ATF™ Automatic Transmission Fluid, or equivalent. Failure to use the correct fluid may affect the function or performance of your transmission.
Brake Master Cylinder	We recommend you use MOPAR® DOT 3 Brake Fluid, SAE J1703 should be used. If DOT 3, SAE J1703 brake fluid is not available, then DOT 4 is acceptable. Use only recommended brake fluids.

8

MAINTENANCE SCHEDULES

- **MAINTENANCE SCHEDULE 400**

MAINTENANCE SCHEDULE

Refer to the “Service and Warranty Handbook” for maintenance schedules.

9

IF YOU NEED CONSUMER ASSISTANCE

- **IF YOU NEED ASSISTANCE 402**

IF YOU NEED ASSISTANCE

The manufacturer's distributors are vitally interested in your satisfaction with their products and services. If a servicing problem or other difficulty should occur, we recommend that you take the following steps:

- Discuss the problem at the authorized dealer with the dealer principal or the service manager. Management personnel at the authorized dealer are in the best position to resolve the problem quickly.
- Should this fail to resolve the problem, contact the manufacturer's distributor nearest to your location.

When you contact the distributor, please provide all of the following information:

- Your name, address and phone number.
- Vehicle Identification Number (this 17–digit number is available from a plate, visible through the windshield in the upper corner of the instrument panel on the driver's side. It is also available from your vehicle registration or title).
- Selling and servicing authorized dealer.
- Vehicle's delivery date and current odometer distance.
- Service history of your vehicle.
- An accurate description of the problem and the conditions under which it occurs.

CHANGE OF OWNERSHIP NOTIFICATION

MODEL _____

REGISTRATION OR LICENSE NUMBER _____

VIN | | | | | | | | | | | | | | | | |

NEW OWNER'S NAME _____

NEW OWNER'S ADDRESS _____

_____

_____

_____

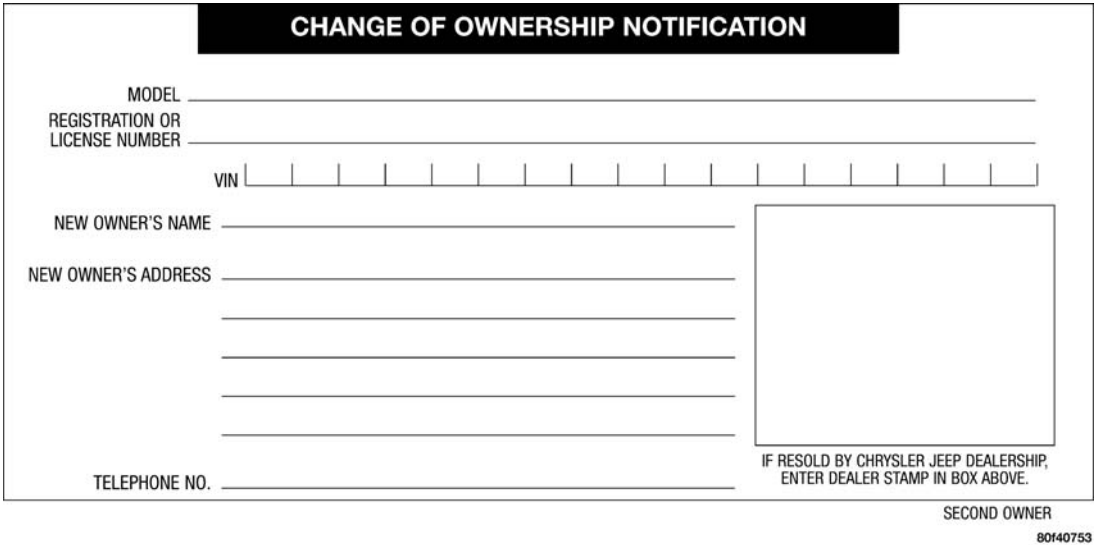
_____

TELEPHONE NO. _____

IF RESOLD BY CHRYSLER JEEP DEALERSHIP, ENTER DEALER STAMP IN BOX ABOVE.

FIRST OWNER

80f40712


CHANGE OF OWNERSHIP NOTIFICATION
MODEL
REGISTRATION OR LICENSE NUMBER
VIN
NEW OWNER'S NAME
NEW OWNER'S ADDRESS
TELEPHONE NO.
IF RESOLD BY CHRYSLER JEEP DEALERSHIP, ENTER DEALER STAMP IN BOX ABOVE.
SECOND OWNER
80f40753

10

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الفهرس

الإعلام بتغيير الملكية

الطراز _____

رقم التسجيل أو الترخيص _____

رقم تعريف السيارة (VIN) | | | | | | | | | | | | | | | | | |

اسم المالك الجديد _____

عنوان المالك الجديد _____

_____

_____

_____

_____

رقم الهاتف _____

إذا تمت إعادة البيع من قبل وكيل كرايسلر جيب CHRYSLER JEEP. أدخل ختم الوكيل في المربع أعلاه.

المالك الثاني

80f40753

الإعلام بتغيير الملكية

الطراز _____

رقم التسجيل أو الترخيص _____

رقم تعريف السيارة (VIN) | | | | | | | | | | | | | | | | | |

اسم المالك الجديد _____

عنوان المالك الجديد _____

_____

_____

_____

_____

رقم الهاتف _____

إذا تمت إعادة البيع من قبل وكيل كرايسلر جيب CHRYSLER JEEP. أدخل ختم الوكيل في المربع أعلاه.

المالك الأول

80f40712

إذا احتجت إلى المساعدة

فإن موزعي الجهة المصنعة حريصون على تلبية احتياجاتك من خلال ما يقدمونه من منتجات وخدمات. وفي حالة حدوث مشكلات في الخدمة، أو ظهور أية صعوبات أخرى، فنحن نُوصي باتباع الخطوات التالية:

- ناقش المشكلة مع الوكيل المعتمد، أو مع الوكيل المسؤول أو مدير الخدمة. حيث إن مسؤولي الإدارة الموجودين لدى الوكيل المعتمد هم أفضل من يمكنهم حل المشكلة سريعًا.
- وإذا تعذر عليهم حل المشكلة، فاتصل بموزعي الجهات المصنعة الموجودين بالقرب من موقعك.

وفي حالة الاتصال بالموزع، يُرجى توفير جميع المعلومات التالية:

- اسمك وعنوانك ورقم هاتفك.
- رقم تعريف السيارة (يوجد هذا العدد المكون من 17 رقمًا على لوحة ويمكن رؤيته من خلال الزجاج الأمامي في الركن العلوي للوحة التابلوه على جانب السائق. كما يمكن الحصول عليه من خلال تسجيل السيارة أو الاسم الخاص بها).
- الوكيل المعتمد للخدمة والبيع.
- تاريخ تسليم السيارة والمسافة المقطوعة من خلال عداد السرعة.
- تاريخ خدمة السيارة.
- وصف دقيق للمشكلة والظروف التي حدثت فيها.

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إذا احتجت إلى مساعدة المستهلك

• إذا احتجت إلى المساعدة ٤٤٢

جدول الصيانة

راجع "كتيب الخدمة والضمان" للتعرف على جداول الصيانة.

٨

جداول الصيانة

• جدول الصيانة ٤٤٠

المكون	السوائل أو زيوت التشحيم أو قطع الغيار الأصلية
اختيار الوقود - المحرك سعة 2.4 لترات	رقم أوكتان البحث (RON) هو 91
اختيار الوقود - المحرك سعة 3.2 لترات	رقم أوكتان البحث (RON) هو 91-93

الشاسيه

المكون	السوائل أو زيوت التشحيم أو قطع الغيار الأصلية
ناقل الحركة الأوتوماتيكي	استخدم سائل ناقل الحركة الأوتوماتيكي MOPAR® ZF 8 و™Speed ATF 9 فقط أو ما يكافئه. حيث يمكن أن يؤثر عدم استخدام السائل الصحيح على وظيفة ناقل الحركة أو أداؤه.
أسطوانة الفرامل الرئيسية	ننصح باستخدام سائل الفرامل DOT 3 من ®MOPAR، ويجب استخدام SAE J1703. في حالة عدم توفر سائل الفرامل DOT 3، وعدم توفر سائل الفرامل SAE J1703، فيعتبر السائل DOT 4 مقبولاً. استخدم سوائل الفرامل المُوصى بها فقط.

السوائل وزيوت التشحيم وقطع الغيار الأصلية

المحرك

المكون	السوائل أو زيوت التشحيم أو قطع الغيار الأصلية
خزان	ننصحك باستخدام سائل مانع التجمد/سائل التبريد ®MOPAR تركيبة OAT (تقنية المواد العضوية المضافة) الذي يتم تغييره كل 10 سنوات أو 150000 ميل.
زيت المحرك - محرك سعة 2.4 لترات	ننصحك باستخدام زيت المحرك SAE 0W-20 الحاصل على شهادة API، مثل ®MOPAR أو ®Pennzoil أو ®Shell Helix أو ما يكافئه مما يطابق مواصفات معيار المواد MS-6395 أو ACEA A1/B1 لشركة Chrysler. راجع غطاء تعبئة زيت المحرك لمعرفة درجة SAE الصحيحة. إذا لم يتوفر زيت المحرك 0W-20، فيمكن استخدام زيت المحرك SAE 5W-20 المعتمد لدى شركة Chrysler والمتوافق مع معيار المواد MS-6395 أو ACEA A1/B1 عند عدم توافر زيت المحرك SAE 0W-20. يُرجى التأكد من الرجوع إلى 0W-20 عند تغيير الزيت في المرة التالية، كما هو مشار إليه بمؤشر تغيير الزيت الأوتوماتيكي للسيارة.
زيت المحرك - محرك سعة 3.2 لترات	ننصحك باستخدام زيت المحرك SAE 5W-20 الحاصل على شهادة API، مثل ®MOPAR أو ®Pennzoil أو ®Shell Helix أو ما يكافئه مما يطابق مواصفات معيار المواد MS-6395 أو ACEA A1/B1 لشركة Chrysler. راجع غطاء تعبئة زيت المحرك لمعرفة درجة SAE الصحيحة. قد يتم استخدام زيت المحرك SAE 5W-30 المعتمد لدى شركة Chrysler والمتوافق مع معيار المواد MS-6395 أو ACEA A1/B1 مثل ®Pennzoil عندما لا يتوافر زيت المحرك SAE 5W-20.
فلتر زيت المحرك	ننصح باستخدام فلتر زيت المحرك من ®MOPAR.
شمعات الإشعال	ننصح باستخدام شمعات الإشعال من ®MOPAR.

سعات السوائل

	النظام الأمريكي	النظام المتري
الوقود (بالتقريب)		
محركات البنزين سعة 2.4 لتر و 3.2 لترات	15.8 جالونات	60 لترًا
زيت المحرك مع الفلتر		
محرك بنزين سعة 2.4 لتر (درجة SAE 0W-20، معتمد من معهد البترول الأمريكي (API))	5.5 كوارت	5.2 لترات
محرك بنزين سعة 3.2 لترات (درجة SAE 5W-20، معتمد من معهد البترول الأمريكي (API))	6 كوارت	5.6 لترات
نظام التبريد*		
محرك بنزين بسعة 2.4 لتر (تركيبة سائل تبريد المحرك/مانع التجمد من ®MOPAR المغطى بضمان لمدة 10 أعوام/150000 ميل)	7 كوارت	6.6 لترات
محرك بنزين بسعة 3.2 لترات (تركيبة سائل تبريد المحرك/مانع التجمد من ®MOPAR المغطى بضمان لمدة 10 أعوام/150000 ميل)	9.7 كوارت	9.2 لترات
* تتضمن زجاجة فصل الهواء / الاسترجاع لسائل التبريد وجهاز التدفئة، والتي تملأ حتى مستوى علامة MAX (الحد الأقصى).		

مصباح لوحة الأرقام

1. باستخدام مفك براغي صغير، اضغط على لسان القفل الموجود في جانب مجموعة المصباح إلى الداخل واسحب مجموعة المصباح إلى أسفل لإزالتها.

2. اسحب اللمبة من المقبس، واستبدل مجموعة المصباح وثبتها في مكانها مع التأكيد على إحكام تثبيت لسان القفل.

مواصفات السيارة

المحرك	**2.4 لتر**	**3.2 لترات**
الطاقة	125 كيلووات عند 6000 دورة في الدقيقة	148 كيلووات عند 5100 دورة في الدقيقة
العزم	220 نيوتن متر عند 4500 دورة في الدقيقة	315 نيوتن متر عند 3900 دورة في الدقيقة
أقصى سرعة للسيارة	استشر مسؤول المبيعات	استشر مسؤول المبيعات

ملاحظة: يصدر تنبيه صوتي في حالة تجاوز سرعة السيارة 120 كم/ساعة (75 ميلاً/ساعة). وسيستمر التنبيه الصوتي حتى تنخفض سرعة السيارة إلى أقل من 120 كم/ساعة (75 ميلاً/ساعة).

مصباح إشارة الانعطاف الخلفية

1. افتح باب المؤخرة.
2. قم بفك البراغي التي تثبت مبيت مصباح المؤخرة بالسيارة.
3. أمسك مصباح المؤخرة واسحبه بشدة للخلف لفصله عن السيارة.
4. افصل الموصل الكهربي.
5. قم بلف المقبس عكس اتجاه عقارب الساعة وأزله من المبيت.
6. اسحب اللمبة لإخراجها من المقبس.
7. استبدل اللمبة وقم بتركيب مقبس.
8. أعد توصيل الموصل الكهربي.
9. أعد تركيب مبيت مصباح المؤخرة والمسامير.
10. أغلق باب المؤخرة.

مصباح الرجوع للخلف

1. افتح باب المؤخرة.
2. استخدم عصا من الفيبر أو مفك براغي له شفرة مسطحة لفصل الكسوة السفلية من باب المؤخرة.
3. بمجرد فك الكسوة، اسحبها للخلف لإظهار لوحة الكسوة.
4. باستخدام عصا من الفيبر أو مفك براغي ذو شفرة مسطحة، افتح لوحة الكسوة لكشف الجزء الخلفي من مصباح باب المؤخرة.
5. افصل الموصل الكهربي.
6. قم بلف المقبس عكس اتجاه عقارب الساعة ثم أزله من المصباح.
7. اسحب اللمبة لإخراجها من المقبس.
8. استبدل اللمبة وأعد تركيب المقبس.
9. قم توصيل الموصل الكهربي.
10. أعد تركيب لوحة الكسوة والكسوة السفلية.
11. أغلق باب المؤخرة.

مصباح الضباب الخلفي

1. باستخدام مفك براغي صغير أو عصا من الفيبر، اضغط على لسان القفل الموجود في الجانب العكسي من مجموعة المصباح واسحب اللمبة إلى الخارج لإزالتها.
2. افصل الموصل الكهربي.
3. قم بلف المقبس عكس اتجاه عقارب الساعة ثم أزله من المصباح.
4. اسحب اللمبة لإخراجها من المقبس.
5. استبدل اللمبة وقم بلف المقبس في اتجاه عقارب الساعة لتثبيتها.
6. قم توصيل الموصل الكهربي.
7. أعد تركيب المصباح عن طريق تحريك الخطاف الموجود على جانب مصباح الضباب فوق لسان القفل في فتحة المصد ودفع الجانب المعاكس في المصد لتثبيت مجموعة المصباح في موضعها.

مصابيح إشارة الانعطاف الأمامية

1. افتح غطاء محرك السيارة.

ملاحظة: قد يلزم إزالة مبيت فلتر تنقية الهواء قبل استبدال المصابيح في مجموعة المصباح العلوي في جانب الراكب من السيارة.

2. قم بلف مجموعة اللمبة والمقبس في عكس اتجاه عقارب الساعة، ثم قم بفك مجموعة اللمبة والمقبس من مبيت اللمبة.
3. اسحب اللمبة إلى خارج المقبس وأدخل اللمبة البديلة.
4. ركب مجموعة اللمبة والمقبس في المبيت ثم لف المقبس في اتجاه عقارب الساعة لقفل المجموعة في مكانها.
5. أعد تثبيت مبيت فلتر تنقية الهواء، في حالة إزالته.

مصباح الضباب الأمامي

1. أزل المسامير سداسية الرأس الثلاث من بطانة العجلة.
2. اسحب الحافة الخارجية من البطانة في اتجاه الإطار للوصول إلى اللمبة.
3. قم بلف مقبس اللمبة في عكس اتجاه عقارب الساعة وقم بفك مجموعة اللمبة والمقبس من مبيت مصباح الضباب.
4. اسحب اللمبة إلى خارج المقبس وأدخل اللمبة البديلة.

تنبيه!
لا تلمس اللمبة الجديدة بأصابعك. التلوث الزيتي يؤدي إلى قصر عمر اللمبة بشكل واضح. إذا تعرضت اللمبة لملامسة أية أسطح زيتية، فقم بتنظيفها بالكحول الخفيف.

5. قم بتركيب مجموعة اللمبة والمقبس في مبيت مصباح الضباب وقم بلف الموصل في اتجاه عقارب الساعة لتثبيته في مكانه.
6. ركب المسامير سداسية الرأس الثلاث في بطانة العجلة.

مصباح الضباب الأمامي (طراز Trailhawk)

1. افتح باب الوصول السفلي في بطانة العجلة.
2. قم بالوصول إلى خلف مبيت مصباح الضباب للوصول إلى اللمبة.
3. اضغط على اللسانين الموجودين على جانبي قابس اللمبة واسحبها خارج مصباح الضباب.
4. افصل مجموعة الأسلاك من اللمبة.

تنبيه!
لا تلمس اللمبة الجديدة بأصابعك. التلوث الزيتي يؤدي إلى قصر عمر اللمبة بشكل واضح. إذا تعرضت اللمبة لملامسة أية أسطح زيتية، فقم بتنظيفها بالكحول الخفيف.

5. أعد توصيل مجموعة الأسلاك باللمبة الجديدة وأعد تثبيتها عن طريق إدخال اللمبة الجديدة في اتجاه مستقيم في مبيت مصباح الضباب حتى يستقر في مكانه.
6. اقفل الباب السفلي في بطانة العجلة.

استبدال اللمبة

ملاحظة: يمكن أن يتراكم الضباب على العدسة عند حدوث ظروف جوية معينة. في الغالب يزول ذلك عند تغيير الأحوال الجوية لتسمح للمكثف بتحويل المياه المكثفة (الضباب) إلى بخار. يؤدي تشغيل اللمبة عادة إلى تسريع عملية الزوال.

المصابيح الأمامية ذات الضوء المنخفض وذات الضوء العالي

المصابيح الأمامية Bi-Xenon لتفريغ الشحنة عالية الكثافة (HID) - إذا كانت السيارة مزودة بذلك

تحتوي المصابيح الأمامية على نوع من مصادر الضوء ذات تفريغ الفولتية العالية. قد تظل الفولتية العالية في الدائرة حتى عند إيقاف تشغيل المصباح الأمامي. ولهذا السبب، يجب ألا تحاول صيانة مصدر ضوء المصباح الأمامي لتفريغ الشحنة عالية الكثافة (HID) بنفسك. إذا تعطل مصدر ضوء المصباح الأمامي لتفريغ الشحنة عالية الكثافة (HID)، فاصطحب السيارة إلى الوكيل المعتمد للصيانة.

ملاحظة: في السيارات المزودة بمصابيح أمامية شديدة التفريغ (HID)، يظهر لون أزرق في الأضواء عند تشغيلها. ويتلاشى ذلك ويصبح المصباح أكثر بياضًا بعد حوالي 10 ثوان، أثناء شحن النظام.

تحذير!

يحدث ضغط عالي عابر عند مقابس لمبات المصابيح الأمامية شديدة التفريغ (HID) عند إدارة مفتاح المصباح الأمامي إلى وضع ON (التشغيل). وقد تتسبب في حدوث صدمة كهربية خطيرة أو صعق كهربي إذا لم يتم صيانتها بشكل صحيح. راجع وكيلك المعتمد للحصول على معلومات حول الصيانة.

المصابيح الأمامية شديدة التفريغ (Bi-Halogen)

1. أزل المسامير سداسية الرأس الثلاث من بطانة العجلة.
2. اسحب الحافة الخارجية من البطانة في اتجاه الإطار للوصول إلى غطاء لمبة المصباح الأمامي.
3. امسك الغطاء بقوة وأدره عكس عقارب لفتحه.
4. امسك بإحكام مجموعة اللمبة والموصل، ثم أدر عكس اتجاه عقارب الساعة لإخراجها من المبيت.
5. افصل اللمبة من الموصل الكهربي، ثم قم بتوصيل اللمبة البديلة.

تنبيه!

لا تلمس اللمبة الجديدة بأصابعك. التلوث الزيتي يؤدي إلى قصر عمر اللمبة بشكل واضح. إذا تعرضت اللمبة لملامسة أية أسطح زيتية، فقم بتنظيفها بالكحول الخفيف.

6. قم بتركيب مجموعة اللمبة والموصل في مبيت المصباح الأمامي وقم بالتدوير باتجاه عقارب الساعة لتثبيتها في مكانها.
7. قم بتركيب غطاء اللمبة في مبيت المصباح الأمامي وقم بالتدوير باتجاه عقارب الساعة لتثبيته في مكانه.
8. ركب المسامير سداسية الرأس الثلاث في بطانة العجلة.

المصابيح الخارجية

	رقم المصباح
المصابيح الأمامية (Bi-Halogen) ذات الضوء المنخفض/ الضوء المرتفع	HIR2LL
المصابيح الأمامية (Bi-Xenon) ذات الضوء المنخفض/الضوء المرتفع	الضوء الدليلي D3S (يتم صيانته لدى الوكيل المعتمد)
مصابيح التوقف الأمامي/ الإضاءة النهارية	مصباح LED (يتم صيانته لدى الوكيل المعتمد)
مصابيح إشارة الانعطاف الأمامية	WY21W
مصابيح الضباب الأمامية	H11
مصابيح الضباب الأمامية (طراز Trailhawk)	PSX24W
مصابيح التوقف/المؤخرة الخلفية	مصباح LED (يتم صيانته لدى الوكيل المعتمد)
مصابيح إشارة الانعطاف الخلفية	WY21W
مصباح التوقف المركزي العلوي (CHMSL)	مصباح LED (يتم صيانته لدى الوكيل المعتمد)
مصابيح الرجوع إلى الخلف	W16W
مصباح لوحة الأرقام	W5W
مصابيح الضباب الخلفية	W21W

الفجوة	شفرة المنصهر	الوصف
F53	7.5 أمبير بني	منفذ واجهة العميل القياسية (UCI) (منفذ USB ومنفذ AUX (الأجهزة الإضافية))
F89	10 أمبير أحمر	أقفال الأبواب - إلغاء قفل السائق
F91	7.5 أمبير بني	مصباح الضباب الأمامي الأيسر
F92	7.5 أمبير بني	مصباح الضباب الأمامي الأيمن
F93	10 أمبير أحمر	الضوء المنخفض الأيمن

استبدال المصابيح

المصابيح الداخلية

	رقم المصباح
مصباح منطقة الحمولة	TL212–2
مصباح الكونسول العلوي	PLW214–2A
مصباح القراءة	WL212–2

الفجوة	شفرة المنصهر	المنصهر الكبير	الوصف
F98	25 أمبير شفاف	–	مضخم الصوت - إذا كانت السيارة مزودة بذلك
F99	–	–	غير مستخدم
F100	–	–	غير مستخدم

المنصهرات الداخلية

توجد لوحة المنصهرات الداخلية في مقصورة الركاب على
الجانب الأيسر من لوحة التابلوه الموجود أسفل لوحة أجهزة
القياس.

الفجوة	شفرة المنصهر	الوصف
F13	15 أمبير أزرق	الضوء المنخفض الأيسر
F32	10 أمبير أحمر	الإضاءة الداخلية
F36	10 أمبير أحمر	وحدة كشف التسلل/صافرة – إذا كانت السيارة مزودة بذلك
F38	20 أمبير أصفر	إلغاء قفل الانسداد الكامل
F43	20 أمبير أصفر	مضخة الغاسلة الأمامية
F48	25 أمبير شفاف	مصباح الضباب الخلفي الأيسر/الأيمن - إذا كانت السيارة مزودة بذلك
F49	7.5 أمبير بني	دعامة أسفل الظهر
F50	7.5 أمبير بني	لوحة الشحن اللاسلكية، إذا كانت السيارة مزودة بذلك
F51	10 أمبير أحمر	مفتاح نافذة السائق/المرايا العاملة بالطاقة - إذا كانت السيارة مزودة بذلك

الفجوة	شفرة المنصهر	المنصهر الكبير	الوصف
F84	–	30 أمبير وردي	فرامل التوقف الكهربية (EPB) - اليسرى
F85	–	–	غير مستخدم
F86	20 أمبير أصفر	–	آلات التنبيه - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F87A	20 أمبير أصفر	–	المصابيح الأمامية شديدة التفريغ (HID) بالجانب الأيسر - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F88	15 أمبير أزرق	–	وحدة تخفيف التصادم (CMM) / المرآة الملونة إلكترونيًا / وحدة الكاميرا الذكية - إذا كانت السيارة مزودة بذلك
F89	10 أمبير أحمر	–	ضبط مستوى المصباح الأمامي - إذا كانت السيارة مزودة بذلك
F90	–	–	غير مستخدم
F91	20 أمبير أصفر	–	منفذ الطاقة الخلفي
F92	–	–	غير مستخدم
F93	–	40 أمبير أخضر	وحدة نظام الفرامل (BSM) - محرك المضخة
F94	–	30 أمبير وردي	فرامل التوقف الكهربية (EPB) - اليمنى
F95	10 أمبير أحمر	–	المرآة الملونة إلكترونيًا / مستشعر المطر /السقف المتحرك - إذا كانت السيارة مزودة بذلك/مفتاح نافذة الراكب / مأخذ الطاقة بالكونسول
F96	10 أمبير أحمر	–	وحدة التحكم في تثبيت الركاب (ORC) / (وسادة هوائية)
F97	10 أمبير أحمر	–	وحدة التحكم في تثبيت الركاب (ORC) / (وسادة هوائية)

الفجوة	شفرة المنصهر	المنصهر الكبير	الوصف
F70	5 أمبير أسمر	–	مستشعر البطارية الذكي - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F71	20 أمبير أصفر	–	المصابيح الأمامية شديدة التفريغ (HID) بالجانب الأيمن - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F72	10 أمبير أحمر	–	المرايا المسخنة - إذا كانت السيارة مزودة بذلك
F73	–	20 أمبير أزرق	الرجوع للخلف عند سحب المقطورة - إذا كانت السيارة مزودة بذلك
F74	–	30 أمبير وردي	مزيل الصقيع من الزجاج الخلفي
F75	20 أمبير أصفر	–	ولاعة السجائر
F76	20 أمبير أصفر	–	وحدة التفاضلي الخلفي (RDM) - إذا كانت السيارة مزودة بذلك
F77	10 أمبير أحمر	–	مفتاح تحرير باب فتحة تعبئة الوقود/دواسة الفرامل
F78	10 أمبير أحمر	–	المنفذ التشخيصي
F79	10 أمبير أحمر	–	المجموعة الوسطى المتكاملة (ICS) / وحدة التسخين والتهوية ومكيف الهواء (HVAC)/ وحدة مجموعة المفاتيح الإضافية (ASBM) / مجموعة لوحة أجهزة القياس (IPC)
F80	20 أمبير أصفر	–	الراديو/القرص المضغوط - إذا كانت السيارة مزودة بذلك
F81	–	–	غير مستخدم
F82	–	–	غير مستخدم
F83	–	20 أمبير أزرق	وحدة التحكم في المحرك (البنزين)

الفجوة	شفرة المنصهر	المنصهر الكبير	الوصف
F61	20 أمبير أصفر	–	مصابيح سحب المقطورة بالجانب الأيمن- إذا كانت السيارة مزودة بذلك
F62	20 أمبير أصفر	–	مزيل الثلوج عن الزجاج الأمامي - إذا كانت السيارة مزودة بذلك
F63	20 أمبير أصفر	–	المقاعد الأمامية المسخنة - إذا كانت السيارة مزودة بذلك
F64	20 أمبير أصفر	–	عجلة القيادة المسخنة - إذا كانت السيارة مزودة بذلك
F65	10 أمبير أحمر	–	مستشعر درجة الحرارة داخل السيارة / مستشعر الرطوبة / وحدة نظام مساعدة السائق (DASM) / مساعد التوقف (PAM) - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start (بدء التشغيل/ الإيقاف)
F66	15 أمبير أزرق	–	وحدة التسخين والتهوية ومكيف الهواء (ECC) / مجموعة لوحة أجهزة القياس (IPC)
F67	10 أمبير أحمر	–	مستشعر درجة الحرارة داخل السيارة / مستشعر الرطوبة / وحدة نظام مساعدة السائق (DASM) / مساعد التوقف (PAM) - إذا لم تكن السيارة مزودة بذلك مع خيار Stop/Start (بدء التشغيل/ الإيقاف)
F68	–	–	غير مستخدم
F69	10 أمبير أحمر	–	مفتاح وحدة نقل الطاقة (TSBM) / غالق الشبكة النشط (AGS) - إذا كانت السيارة مزودة بذلك

الفجوة	شفرة المنصهر	المنصهر الكبير	الوصف
F49	–	30 أمبير وردي	محول الطاقة (115 فولت، مكيف الهواء) - إذا كانت السيارة مزودة بذلك
F50	–	30 أمبير وردي	باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك
F51	–	–	غير مستخدم
F52	–	30 أمبير وردي	الماسحات الأمامية - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F53	–	30 أمبير وردي	وحدة نظام الفرامل والصمامات
F54	–	30 أمبير وردي	وحدة تغذية وحدة التحكم في البدن BCM رقم 3
F55	10 أمبير أحمر	–	مستشعرات النقاط الخفية / البوصلة / كاميرا الرؤية الخلفية / مصباح صندوق السيارة مع شاحن مصباح الوميض - إذا كانت السيارة مزودة بذلك
F56	15 أمبير أزرق	–	وحدة نقطة التشغيل (IGNM) / نقطة التشغيل دون مفاتيح (KIN) / محور RF / قفل عمود التوجيه الكهربي (ESL)
F57	20 أمبير أصفر	–	مصابيح سحب المقطورة بالجانب الأيسر - إذا كانت السيارة مزودة بذلك
F58	10 أمبير أحمر	–	وحدة تصنيف الركاب
F59	–	30 أمبير وردي	وحدة التحكم في مجموعة الدفع (DTCM) – إذا كانت السيارة مزودة بذلك
F60	20 أمبير أصفر	–	منفذ الطاقة - الكونسول المركزي

الفجوة	شفرة المنصهر	المنصهر الكبير	الوصف
F37	–	–	غير مستخدم
F38	–	–	غير مستخدم
F38	–	60 أمبير أصفر	شمعات التوهج (محرك الديزل فقط) - إذا كانت السيارة مزودة بذلك
F39	–	40 أمبير أخضر	محرك مروحة التسخين والتهوية ومكيف الهواء (HVAC)
F40	–	20 أمبير أزرق	مصباح التوقف عند سحب المقطورة - إذا كانت السيارة مزودة بذلك
F40	–	30 أمبير وردي	مضخة غاسلة المصباح الأمامي - إذا كانت السيارة مزودة بذلك
F41	–	60 أمبير أصفر	وحدة التحكم في الهيكل (BCM) - تغذية رقم 1
F41	–	50 أمبير أحمر	وحدة موازنة الفولتية - التغذية رقم 1 - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F42	–	30 أمبير وردي	وحدة فرامل سحب المقطورة الكهربية
F43	20 أمبير أصفر	–	موتور مضخة الوقود
F44	–	30 أمبير وردي	موصل سحب المقطورة سباعي الاتجاه - إذا كانت السيارة مزودة بذلك
F45	–	30 أمبير وردي	وحدة باب الراكب (PDM) - إذا كانت السيارة مزودة بذلك
F46	–	25 أمبير شفاف	السقف المتحرك / السقف القابل للإمالة والإزاحة Skyslider- إذا كانت السيارة مزودة بذلك
F47	–	30 أمبير وردي	وحدة التحكم في مجموعة الدفع والحركة (DTCM)
F48	–	30 أمبير وردي	وحدة باب السائق - إذا كانت السيارة مزودة بذلك

الفجوة	شفرة المنصهر	المنصهر الكبير	الوصف
F23	70 أمبير أسمر	–	وحدة التحكم في الهيكل (BCM) - تغذية رقم 2
F23	50 أمبير أحمر	–	تغذية وحدة موازنة الفولتية (VSM) رقم 2 – إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F24	20 أمبير أصفر	–	الماسحة الخلفية - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F25B	20 أمبير أصفر	–	الغاسلة الأمامية - إذا كانت السيارة مزودة بذلك مع خيار Stop/Start Engine (بدء تشغيل/إيقاف المحرك)
F26	–	30 أمبير وردي	جهاز تدفئة الوقود - محركات الديزل فقط
F27	–	–	غير مستخدم
F28	15 أمبير أزرق	–	وحدة التحكم في ناقل الحركة (TCM)
F29	–	–	غير مستخدم
F30	10 أمبير أحمر	–	وحدة التحكم في المحرك (PCM)/(EPS)/(ECM)
F31	–	–	غير مستخدم
F32	–	–	غير مستخدم
F33	–	–	غير مستخدم
F34	–	–	غير مستخدم
F35	–	–	غير مستخدم
F36	–	–	غير مستخدم

الفجوة	شفرة المنصهر	المنصهر الكبير	الوصف
F06	–	–	غير مستخدم
F07	15 أمبير أزرق	–	وحدة التحكم في مجموعة الدفع والحركة - PCM
F08	25 أمبير شفاف	–	وحدة التحكم في المحرك (ECM)
F09	–	–	غير مستخدم
F10	20 أمبير أصفر	–	وحدة نقل الطاقة (PTU) - إذا كانت السيارة مزودة بذلك
F11	–	–	غير مستخدم
F12	20 أمبير أصفر	–	مضخة تفريغ الفرامل - إذا كانت السيارة مزودة بذلك
F13	10 أمبير أحمر	–	وحدة التحكم في المحرك (ECM)
F14	10 أمبير أحمر	–	وحدة التحكم في مجموعة الدفع والحركة (DTCM) / وحدة توصيل الطاقة (PTU)/وحدة نظام الفرامل (BSM) - إذا كانت السيارة مزودة بذلك
F15	–	–	غير مستخدم
F16	20 أمبير أصفر	–	مجموعة الدفع والحركة
F17	–	–	غير مستخدم
F18	–	–	غير مستخدم
F19	–	40 أمبير أخضر	الملف اللولبي لجهاز بدء التشغيل
F20	10 أمبير أحمر	–	قابض ضاغط مكيف الهواء
F21	–	–	غير مستخدم
F22	5 أمبير أسمر	–	مروحة الراديياتير

وإذا تطلب الأمر تنظيف الأحزمة، فاستخدم محلول صابون متعادل أو ماء فاتر. لا تفك الأحزمة من السيارة لغسلها. قم بالتجفيف بقطعة قماش ناعمة.

استبدل الأحزمة إذا كانت متآكلة أو بالية أو إذا لم تكن الإبزيمات تعمل بطريقة صحيحة.

تحذير!

قد ينقطع الحزام البالي أو الممزق عند التصادم وتصبح من دون حماية. افحص نظام الأحزمة بصورة دورية للتأكد من عدم وجود أجزاء مقطوعة أو ممزقة أو بالية. ويجب استبدال الأجزاء التالفة فورًا. لا تحاول فك النظام أو إدخال التعديلات عليه. ويجب استبدال مجموعات الحزام الخلفية التالفة بعد وقوع أي تصادم (مثل التواء الماسك، تمزق النسيج أو غير ذلك).

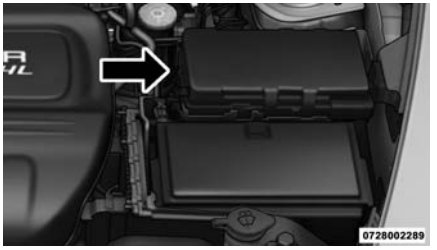
المنصهرات

تحذير!

- عند استبدال منصهر محترق، استخدم دائمًا منصهرًا بديلاً مناسبًا بنفس معدل أمبير المنصهر الأصلي. لا تستبدل منصهرًا بآخر بمعدل أمبير أعلى. لا تستبدل منصهرًا محترقًا بأسلاك معدنية أو أي مادة أخرى. قد يؤدي الفشل في استخدام المنصهرات المناسبة إلى إصابة شخصية خطيرة و/أو نشوب حريق و/أو تلف الممتلكات.
- قبل استبدال منصهر، تأكد من أن مفتاح التشغيل في وضع إيقاف التشغيل وأن جميع الخدمات الأخرى قيد إيقاف التشغيل و/أو غير معشقة.
- في حالة احتراق المنصهر الذي تم استبداله مرة أخرى، اتصل بالوكيل المعتمد.
- في حالة احتراق منصهر حماية عامة لأنظمة الأمان (نظام الوسادة الهوائية، نظام الفرامل) أو أنظمة وحدات الطاقة (نظام المحرك، نظام صندوق التروس) أو نظام التوجيه، اتصل بالوكيل المعتمد.

مركز توزيع الطاقة

يوجد مركز توزيع الطاقة في غرفة المحرك بالقرب من البطارية. حيث يحتوي هذا المركز على المنصهرات الكبيرة والصغيرة والمرحلات. يوجد ملصق على الجانب الداخلي للغطاء يحدد طبيعة كل مكون.



مركز توزيع الطاقة

فرش التنجيد المصنوع من الجلد

يُنصح باستخدام منظف توتال من ®MOPAR أو منظفًا مكافئًا خاص لفرش التنجيد الجلدي.

يمكن الحفاظ على فرش التنجيد المصنوع من الجلد بالتنظيف المنتظم بقطعة قماش رطبة. يمكن أن تخدش جزيئات الأوساخ الدقيقة فرش التنجيد المصنوع من الجلد، لذا ينبغي إزالتها بقطعة قماش رطبة. يمكن إزالة بقايا التربة الصلبة بسهولة باستخدام قطعة قماش ناعمة ومنظف "توتال" من ®MOPAR أو منظف مكافئ. ينبغي الحرص على تجنب تعرض فرش التنجيد المصنوع من الجلد لأي سائل لفترة طويلة. ويرجى عدم استخدام مواد التلميع أو الزيوت أو سوائل التنظيف أو المذيبات أو المطهرات أو المنظفات التي تستند إلى قاعدة من الأمونيا لتنظيف فرش التنجيد المصنوع من الجلد. لا يلزم استخدام مكيف للجلد، وذلك للحفاظ على الشكل الأصلي للفرش.

تحذير!

لا تستخدم مذيبات طيارة لأغراض التنظيف. وذلك لأن الكثير من تلك المذيبات قابل للاشتعال، وفي حالة استخدامها في مناطق مغلقة قد تسبب ضيقًا في التنفس.

تنظيف المصابيح الأمامية

سيارتك مزودة بمصابيح أمامية ومصابيح ضباب بلاستيكية والتي تتميز بخفة وزنها ومقاومتها الأكبر للكسر بسبب الأحجار مقارنة بالمصابيح التي تصنع من الزجاج.

يختلف مستوى مقاومة البلاستيك للخدش عن الزجاج، وبالتالي يجب اتباع إجراءات تنظيف أخرى للعدسات.

لتقليل احتمال خدش العدسات وبالتالي تقليل معدل الضوء الخارج، تجنب مسح العدسات بقطعة قماش جافة. لإزالة أوساخ الطريق، اغسلها بصابون لطيف ثم اشطفها بالماء.

لا تستخدم مكونات تنظيف كاشطة أو مذيبات أو صوف الفولاذ أو أي مواد كاشطة لتنظيف العدسات.

الأسطح الزجاجية

ينبغي تنظيف جميع الأسطح الزجاجية بشكل منتظم باستخدام منظف الزجاج من ®MOPAR أو أي منظف تجاري منزلي مخصص لتنظيف الزجاج. لا تستخدم مطلقًا منظف من نوع خشن. انتبه عند تنظيف الجزء الداخلي من النافذة الخلفية المزودة بمزيلات صقيع كهربية، والنافذة الربعية الخلفية اليمنى المزودة بهوائي راديو. لا تستخدم مكاشط أو أدوات حادة أخرى مما قد يخدش المكونات.

عند تنظيف مرآة الرؤية الخلفية، قم برش المنظف على المنشفة أو قطعة القماش التي تستخدمها في التنظيف. لا ترش المنظف مباشرة على المرآة.

تنظيف عدسات مجموعة أجهزة القياس البلاستيكية

تم تصنيع العدسات الموجودة في مقدمة مجموعة أجهزة القياس الموجودة في هذه السيارة من البلاستيك الشفاف. عند تنظيف العدسات، يجب التعامل بحرص لتجنب خدش البلاستيك.

1. قم بالتنظيف باستخدام قطعة قماش ناعمة. يمكن استخدام محلول صابون متعادل، لكن لا تستخدم محتوى يتضمن تركيز عالي من الكحول، أو المنظفات شديدة التركيز. في حالة استخدام الصابون، قم بالتنظيف باستخدام قطعة قماش نظيفة مبللة.
2. قم بالتجفيف بقطعة قماش ناعمة.

صيانة أحزمة الأمان

لا تبيض أو تصبغ أو تنظف الأحزمة باستخدام مذيبات أو منظفات كاشطة. حيث إن ذلك يؤدي إلى تلف أنسجة الأحزمة. قد يؤدي التلف الشمسي أيضًا إلى إضعاف الأنسجة.

ملاحظة: إذا كانت السيارة مزودة بعجلات الكروم البخاري الداكن أو السوداء، فلا تستخدم منظفات أو مواد كاشطة أو مركبات تلميع العجلة. فستؤدي إلى إتلاف الطلاء وهذا التلف لا يغطيه ضمان السيارة الجديدة المحدود. استخدم فقط الصابون المتعادل والماء مع قطعة قماش ناعمة. تستخدم بشكل متكرر وهذا كل ما تحتاجه للمحافظة على الطلاء.

تنبيه!

لا تستخدم الحشايا الخشنة أو الصوف الصلب أو الفرش الخشنة أو مواد التلميع المعدنية. لا تستخدم منظف الأفران. فقد تتسبب هذه المنتجات في تلف الطلاء الواقي للعجلة. تجنب طرق الغسيل الأوتوماتيكية للسيارات حيث يتم استخدام محاليل حمضية أو فرش خشنة قد تؤدي إلى تلف الطبقة الواقية للعجلات. يُوصى باستخدام منظف العجلات من ®MOPAR فقط أو ما يكافئه.

إجراء تنظيف الأقمشة Stain Repel - إذا كانت السيارة مزودة بذلك

يسهل تنظيف مقاعد Stain Repel بالطريقة التالية:

- قم بإزالة أكبر قدر ممكن من البقع عن طريق المسح بفوطة نظيف وجافة.
- قم بمسح أي بقع باقية باستخدام فوطة نظيفة ورطبة.
- بالنسبة للبقع العنيدة، قم بوضع منظف توتال من ®MOPAR أو محلول صابون معتدل على قطعة قماش نظيفة رطبة وقم بإزالة البقعة. استخدم فوطة جديدة رطبة لإزالة بقايا الصابون.
- بالنسبة لبقع الشحم، ضع منظف ®MOPAR متعدد الأغراض على قطعة قماش نظيفة ورطبة وقم بإزالة البقعة. استخدم فوطة جديدة رطبة لإزالة بقايا الصابون.
- لا تستخدم أي مذيبات قوية أو أي أنواع أخرى من الواقيات على منتجات Stain Repel.

العناية بالجزء الداخلي للسيارة

غطاء لوحة أجهزة القياس

يتميز غطاء لوحة أجهزة القياس بسطح له بريق طفيف، يقلل الانعكاسات في الزجاج الأمامي. لا تستخدم واقيات أو أي منتجات قد تتسبب في حدوث انعكاسات غير مطلوبة. استخدم الصابون والماء الدافئ لاستعادة بريق سطح الغطاء.

تنظيف الكسوة الداخلية

نظف الكسوة الداخلية باستخدام قطعة قماش مبللة بالماء وبمنظف MOPAR® Total Clean وإذا لزم الأمر اتبع ذلك باستخدام مزيل البقع من ®MOPAR أو ما يعادله. لا تستخدم المنظفات الكاشطة أو ®Armor All. استخدم منظف توتال من ®MOPAR أو منظفًا مكافئًا لتنظيف فرش التنجيد المصنوع من الفينيل.

- إذا تجمعت الحشرات أو المخلفات المشابهة الأخرى على السيارة، فاستخدم مزيل الحشرات Super Kleen من ®MOPAR ومزيل القطران.
- استخدم مزيل الشمع عالي الجودة مثل مزيل شمع ®MOPAR لإزالة أتربة الطريق والبقع ولحماية طلاء سيارتك. احرص ألا تخدش الطلاء.
- تجنب استخدام المركبات الخشنة التي قد تقلل من لمعان الطلاء، أو تؤدي إلى تدقيق الطبقة النهائية من الطلاء.

تنبيه!

- لا تستخدم مواد التنظيف القوية أو الخشنة مثل الصوف الصلب أو مسحوق الصقل، والتي تؤدي إلى خدش الأسطح المعدنية والمطلية.
- قد ينجم عن استخدام الغاسلات الكهربية التي تتجاوز 8274 كيلو باسكال (1200 رطل لكل بوصة مربعة) في تلف أو إزالة الطلاء والملصقات.

العناية الخاصة

- إذا كنت تقود السيارة على طرق مملحة أو متربة أو إذا قمت بقيادة السيارة بالقرب من المحيط، فافصل محمل السيارة مرة واحدة شهريًا على الأقل.
- من الأهمية بمكان أن يتم المحافظة على نظافة وفتح فتحات التصريف الموجودة في الحواف السفلية للأبواب ولوحات الهزاز وصندوق الأمتعة.
- إذا عثرت على أي أحجار أو خدوش في الطلاء، فتخلص منها على الفور. يتحمل المالك تكلفة إجراء هذه الإصلاحات.
- إذا تعرضت للتلف نتيجة لوقوع حادث أو أمر شبيه بذلك مما أدى إلى تدمير الطلاء أو الطبقة الواقية، فقم بإصلاح السيارة بأسرع ما يمكن. يتحمل المالك تكلفة إجراء هذه الإصلاحات.
- إذا كانت السيارة تحمل شحنة خاصة مثل المواد الكيماوية أو المخصبات أو الملح المقاوم للثلوج، إلخ، فتأكد من تعبئة تلك المواد جيدًا وعدم تسربها.
- في حالة قيادة السيارة لفترة طويلة على طرق مليئة بالحصى، قم بوضع واقيات ضد الأحجار أو الطين خلف كل عجلة.
- استخدم طلاء ®MOPAR لعلاج الخدوش في أقرب فرصة ممكنة. يتوفر لدى وكيلك المعتمد ألوان طلاء تتوافق مع لون السيارة.

العناية بالعجلات وأغطيتها المركزية

- ينبغي تنظيف جميع العجلات والعجلات المعدنية، وبخاصة العجلات المطلية بطبقة من الألمنيوم والكروم بانتظام بصابون لطيف وماء لمنع التآكل.
- لإزالة الملوثات الكثيفة و/أو أتربة الفرامل الزائدة، استخدم منظف العجلات من ®MOPAR أو ما يعادله.

ناقل الحركة اليدوي - إذا كانت السيارة مزودة بذلك

اختيار زيت التشحيم

استخدم فقط سائل ناقل الحركة الذي تُوصي به الجهات المصنعة. راجع "السوائل وزيوت التشحيم وقطع الغيار الأصلية" في "صيانة السيارة" للحصول على مزيد من المعلومات.

فحص مستوى السائل

افحص مستوى السائل بواسطة إزالة سدادة الملء. ينبغي ألا يزيد مستوى السائل بين أسفل فتحة التعبئة وإحدى النقاط عن 3/16 بوصة (4.7 مم) عن أسفل الفتحة.

أضف قدرًا من السائل، إذا تطلب الأمر، للمحافظة على المستوى المناسب للسائل.

تكرار تبديل السائل

في ظروف التشغيل العادية، فإن السائل الذي يتم إضافته في المصنع يوفر تشحيمًا مناسبًا لعمر السيارة. لا يلزم تغيير السائل إلا إذا تلوث زيت التشحيم بالماء.

ملاحظة: وفي حالة تلوثه بالماء؛ ينبغي تغيير السائل على الفور.

العناية بالهيكل الخارجي ووقايته من التآكل

حماية الهيكل والطلاء من التآكل

تتنوع متطلبات العناية بهيكل السيارة تبعًا للمواقع الجغرافية وطريقة الاستخدام. تتصف المواد الكيماوية التي تسهل من عملية السير على الطرق في حالة تجمع الثلوج والجليد، وتلك المواد التي يتم رشها على الأشجار وأسطح الطرق أثناء المواسم الأخرى، بأنها مواد أكالة للمعادن الموجودة في السيارة. إن إيقاف السيارة في الخارج، حيث تتعرض السيارة للملوثات الهوائية، وأسطح الطرق التي يتم تشغيل السيارات عليها، والطقس شديد البرودة أو شديد الحرارة، وغيرها من الظروف الشديدة، يؤثر تأثيرًا شديدًا على الطلاء والتكوينات المعدنية والوقاية الداخلية.

تساعدك التوصيات التالية المتعلقة بالصيانة على تحقيق أقصى فائدة من مقاومة التآكل المضمنة داخل السيارة.

ما الذي يؤدي إلى حدوث التآكل؟

التآكل هو نتاج تدهور الطلاء وطبقات البطانة الواقية أو تقشرها بالسيارة.

والأسباب الشائعة لحدوث ذلك هي:

- ملح الطريق والأوساخ وتجمع الرطوبة.
- تأثير الأحجار والحصى.
- الحشرات والأشجار والقطران.
- الملح الموجود في هواء المناطق القريبة من سواحل البحار.
- الملوثات الجوية / الصناعية.

غسيل السيارة

- اغسل السيارة بانتظام. احرص دومًا على غسل السيارة في الظل باستخدام سائل غسيل سيارات MOPAR® وصابون غسيل معتدل للسيارات، واشطف اللوحات تمامًا بماءنظيف.

ناقل الحركة الأوتوماتيكي - إذا كانت السيارة مزودة بذلك

تحديد زيت التشحيم

من المهم استخدام زيت ناقل الحركة المناسب لضمان الأداء والعمر المثاليين لناقل الحركة. استخدم فقط سائل ناقل الحركة المحدد من قِبل الجهة المصنعة. راجع "السوائل، وزيوت التشحيم وقطع الغيار الأصلية" في هذا القسم للتعرف على مواصفات السائل. من الضروري أن يتم الاحتفاظ بسائل ناقل الحركة عند المستوى الصحيح باستخدام السائل المُوصى باستخدامه. لا يلزم وضع أي مواد كيميائية في أي ناقل حركة، ولكن يكفي استخدام زيت التشحيم المعتمد فقط.

تنبيه!

إن استخدام سائل ناقل حركة آخر بخلاف المُوصى باستخدامه من قِبل الجهة المصنعة، قد يؤدي إلى تدهور جودة ناقل الحركة و/أو احتكاك محول العزم. راجع "السوائل، وزيوت التشحيم وقطع الغيار الأصلية" في هذا القسم للتعرف على مواصفات السائل.

المواد المضافة الخاصة

توصي الجهة المصنعة بشدة بعدم استخدام أية إضافات خاصة إلى ناقل الحركة. إن سائل ناقل الحركة الأوتوماتيكي (ATF) هو أحد المنتجات الهندسية وقد يتأثر أداؤه بشكل سلبي نتيجة لاستخدام مواد إضافية مكملة. ولذلك لا تقم بإضافة أي سوائل إضافية إلى ناقل الحركة. والاستثناء الوحيد في ذلك هو استخدام صبغات خاصة لتحديد مناطق تسرب السائل. تجنب استخدام مواد منع تسرب ناقل الحركة لأنها قد تؤثر بشكل سلبي على السدادات.

تنبيه!

لا تستخدم مواد كيميائية في ناقل الحركة مثل الكيماويات التي يمكن أن تتلف مكونات ناقل الحركة. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف.

فحص مستوى السائل

يتم ضبط مستوى السائل مسبقًا في المصنع ولا يتطلب ضبطًا تحت ظروف التشغيل العادية. لا يلزم إجراء فحوصات دورية لمستوى السائل، لذا لا يحتوي ناقل الحركة على عصا قياس. حيث يمكن للوكيل المعتمد فحص مستوى سائل ناقل الحركة باستخدام أدوات خدمة خاصة. إذا لاحظت أي تسرب في السائل أو خلل في ناقل الحركة، فقم بزيارة الوكيل المعتمد على الفور لفحص مستوى سائل ناقل الحركة. يمكن أن يتسبب تشغيل السيارة في ظل وجود مستوى سائل غير صحيح في حدوث تلف شديد بناقل الحركة.

تنبيه!

إذا حدث تسرب في سائل تبريد ناقل الحركة، فقم بزيارة الوكيل المعتمد على الفور. فقد يؤدي ذلك إلى تلف شديد في ناقل الحركة. يمتلك الوكيل المعتمد الأدوات المناسبة لضبط مستوى السائل بشكل دقيق.

تغييرات السائل والفلتر

في ظروف التشغيل العادية، يوفر السائل الذي تتم إضافته في المصنع تشحيمًا مناسبًا لعمر السيارة.

لا يلزم إجراء عمليات تغيير دورية للسائل والفلتر. إلا أنه ينبغي تغيير السائل والفلتر إذا أصبح السائل ملوثًا (بالماء، أو ما شابه) أو إذا كان ناقل الحركة مفككوك لأي سبب.

نظام الفرامل

للتأكد من مستوى أداء نظام الفرامل، ينبغي فحص جميع مكونات نظام الفرامل دوريًا. راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

تحذير!

تؤدي إراحة القدم على الفرامل إلى تلفها واحتمال وقوع حادث تصادم. حيث إن القيادة مع إراحة القدم على دواسة الفرامل يمكن أن يتسبب في ارتفاع درجة حرارة الفرامل بشكل غير طبيعي وتآكل البطانة وتلف الفرامل. وبالتالي لن تتمكن من الاستفادة من قدرة الكبح الكاملة في حالات الطوارئ.

أسطوانة الفرامل الرئيسية

ينبغي فحص السائل في الأسطوانة الرئيسية عند إجراء عمليات صيانة تحت غطاء المحرك، أو في حالة إضاءة "ضوء تحذير الفرامل".

احرص على تنظيف قمة منطقة الأسطوانة الرئيسية قبل فك الغطاء. وإذا لزم الأمر، فأضف كمية كافية من السائل لرفع مستوى السائل إلى الحد المطلوب في خزان سائل الفرامل.

عند استخدام الفرامل القرصية، فإنه يتوقع هبوط مستوى السائل كلما زاد مستوى التلف في بطانة الفرامل. ينبغي فحص مستوى سائل الفرامل عند تغيير بطانة الفرامل. على حين، فإن انخفاض مستوى السائل قد يحدث نتيجة لحدوث تسرب، وبالتالي قد يلزم فحص النظام.

استخدم سائل الفرامل الذي توصي به الجهة المصنعة فقط. راجع "السوائل وزيوت التشحيم وقطع الغيار الأصلية" في "صيانة السيارة" للحصول على مزيد من المعلومات.

تحذير!

- استخدم سائل الفرامل الذي توصي به الجهة المصنعة فقط. راجع "السوائل وزيوت التشحيم وقطع الغيار الأصلية" في "صيانة السيارة" للحصول على مزيد من المعلومات. يمكن أن يؤدي استخدام نوع خاطئ من سائل الفرامل إلى تلف نظام الفرامل و/أو خفض أدائه بشكل كبير. يوجد النوع الصحيح من سائل الفرامل الخاص بسيارتك في الملصق الموجود على خزان الأسطوانة الرئيسية الهيدروليكية الأصلية المركبة بالمصنع.

(تابع)

تحذير! (تابع)

- لتجنب التلوث من مواد خارجية أو الرطوبة، لا تستخدم سوى سائل فرامل جديد أو سائل معبأ في حاوية محكمة الغلق. أحكم غلق غطاء خزان الأسطوانة الرئيسية في كل الأوقات. يمتص سائل الفرامل الموجود في حاوية مفتوحة الرطوبة من الهواء مما يؤدي إلى انخفاض نقطة الغليان. قد ينجم عن ذلك غليان السائل على نحو غير متوقع أثناء استخدام الفرامل بطريقة عنيفة أو لوقت طويل، والذي قد يؤدي بدوره إلى تعطل مفاجئ في الفرامل. وقد يتسبب ذلك في حدوث تصادم.
- يمكن أن يؤدي ملء خزان سائل الفرامل بشكل زائد عن الحد إلى تساقط سائل الفرامل على أجزاء المحرك مما قد يؤدي إلى اشتعال سائل الفرامل. ومن الممكن أن يسبب سائل الفرامل أيضًا تلف الأسطح المطلية وأسطح الفينيل، ولذا يجب توخي الحذر لتجنب ملامسته لهذه الأسطح.
- لا تسمح للسائل ذي الأساس البترولي بتلويث سائل الفرامل. يمكن أن تتلف مكونات مانع التسرب الخاص بالفرامل مما يؤدي إلى تعطل الفرامل بشكل جزئي أو كلي. وقد يتسبب ذلك في حدوث تصادم.

(تابع)

يظل الراديـاتير مملوءًا تمامًا بشكل طبيعي، وبالتالي لا توجد حاجة لفك غطاء الراديـاتير/غطاء ضغط سائل التبريد إلا عند الرغبة في فحص نقطة تجمد سائل تبريد المحرك (مانع التجمد) أو استبداله سائل التبريد. عليك إفادة مسؤول الخدمة الخاص بك بهذه المعلومات. وطالما كانت درجة حرارة تشغيل المحرك مقبولة، فلن يلزم فحص زجاجة سائل التبريد إلا مرة واحدة كل شهر.

إذا تطلب الأمر إضافة سائل تبريد محرك (مانع تجمد) للحفاظ على المستوى المناسب لسائل التبريد، فيجب إضافة سائل التبريد ذو تقنية الإضافات العضوية (OAT) والذي يتوافق مع متطلبات معيار المواد القياسية MS-12106 لشركة Chrysler إلى زجاجة سائل التبريد. لا تتجاوز حد الملء.

نقاط يلزم تذكرها

ملاحظة: عند توقف السيارة بعد قطع بضعة أميال/ كيلومترات قليلة بعد التشغيل قد تلاحظ تصاعد بخار من مقدمة غرفة المحرك. يعد ذلك نتيجة طبيعية للرطوبة الموجودة في الهواء بسبب الأمطار أو الثلوج، أو كنتيجة لتجمع الرطوبة العالية على الراديـاتير وتبخرها عند فتح الترموستات، مما يسمح لسائل تبريد المحرك (مانع التجمد) الساخن بالدخول إلى الراديـاتير.

إذا لم تتمكن من مشاهدة أي أثر للتسرب من الراديـاتير أو من الخرطوم نتيجة لفحص غرفة المحرك، فيمكن قيادة السيارة بأمان. حيث سيختفي البخار سريعًا.

- لا تملأ زجاجة امتداد سائل التبريد بشكل زائد عن الحد.
- تحقق من نقطة تجمد سائل التبريد في الراديـاتير وفي زجاجة امتداد سائل التبريد. وإذا تطلب الأمر إضافة مزيد من سائل تبريد المحرك (مانع التجمد)، فيجب حماية محتويات زجاجة امتداد سائل التبريد أيضًا من التجمد.
- إذا تطلب الأمر إضافة سائل تبريد المحرك (مانع التجمد) بشكل متكرر، فينبغي اختبار مستوى الضغط داخل نظام التبريد للتأكد من عدم وجود أية تسربات.
- احتفظ بتركيز سائل تبريد المحرك (مانع التجمد) عند 50% من سائل تبريد المحرك ذي تقنية الإضافات العضوية (OAT) (المتوافق مع المعيار MS-12106) كحد أدنى والماء المقطر للوقاية من تآكل المحرك الذي يحتوي على مكونات من الألومنيوم.
- تأكد أن خراطيم التدفق الزائد لزجاجة امتداد سائل التبريد غير ملتوية أو مسدودة.
- حافظ على نظافة مقدمة الراديـاتير. إذا كانت السيارة مزودة بمكيف للهواء، فحافظ أيضًا على نظافة مقدمة المكثف.
- لا تغير الترموستات عند تشغيل السيارة في الصيف أو في الشتاء. إذا تطلب الأمر استبدال الترموستات، فقم بتركيب ترموستات من النوع الملائم فقط. في حالة استخدام تصميمات أخرى قد تؤدي إلى ضعف أداء سائل تبريد المحرك (مانع التجمد)، أو عدم إمداد السيارة بالبنزين بشكل صحيح، وتصاعد الانبعاثات.

ملاحظة:

- **تتطلب بعض السيارات أدوات خاصة لإضافة سائل التبريد بصور صحيحة. قد يتسبب عدم مراعاة ملء هذه الأنظمة بصورة صحيحة إلى حدوث تلف داخلي بالغ بالمحرك. في حالة الحاجة إلى إضافة أي سائل تبريد إلى النظام، يُرجى الاتصال بالوكيل المعتمد المحلي.**
- **لا يُوصى باستخدام أنواع سائل تبريد المحرك (مانع التجمد) المختلطة حيث يمكن أن تتسبب في تلف نظام التبريد. إذا تم خلط سائل التبريد HOAT (تقنية المواد العضوية المضافة المهجنة) مع سائل التبريد OAT (ذو تقنية الإضافات العضوية) في حالة الطوارئ، فاطلب من الوكيل المعتمد تنظيفه وغسله وإعادة ملئه باستخدام سائل تبريد OAT (ذو تقنية الإضافات العضوية) (متوافق مع متطلبات معيار مواد MS-12106) في أسرع وقت ممكن.**

غطاء ضغط نظام التبريد

يجب إحكام غلق الغطاء لتجنب فقدان سائل تبريد المحرك (مانع التجمد) والتأكد من رجوع سائل التبريد (مانع التجمد) إلى شبكة تبريد السيارة من خزان التبريد.

ينبغي فحص غطاء ضغط سائل التبريد وتنظيفه في حالة تراكم أي مواد غريبة على أسطح مانع التسرب.

تحذير!

- لا تفتح نظام تبريد المحرك الساخن. لا تضف سائل تبريد المحرك (مانع التجمد) إذا كانت درجة حرارة المحرك زائدة عن الحد. لا تفك الغطاء أو ترفعه تمامًا لتبريد المحرك إذا كانت درجة حرارته زائدة عن الحد. تؤدي السخونة الشديدة إلى رفع مستوى الضغط في نظام التبريد. لمنع حدوث الاحتراق أو الإصابة، لا تفك غطاء ضغط سائل التبريد إذا كان نظام التبريد ساخنًا أو واقعًا تحت ضغط.
- لا تستخدم غطاء ضغط غير المحدد لسيارتك. فقد ينجم عن ذلك التعرض لإصابة شخصية أو تلف المحرك.

التخلص من سائل تبريد المحرك المستخدم

يعد سائل تبريد المحرك (مانع التجمد) الذي أساسه إيثيلين الجليكول مادة معدلة يلزم التخلص منها بطريقة صحيحة. راجع الأمر مع السلطات المحلية لديك لتحديد القواعد المنظمة للتخلص من تلك المواد والخاصة بمجتمعك. لمنع تناوله بواسطة الحيوانات أو الأطفال، لا تقم بتخزين سائل تبريد المحرك المستند إلى قاعدة من جليكول الإيثيلين في حاويات مفتوحة، ولا تسمح بتجمعه على شكل برك صغيرة على الأرض. في حالة قيام الأطفال أو الحيوانات الأليفة بتناوله، فاطلب المساعدة في حالات الطوارئ على الفور. نظف آثار انسكاب الزيت على الفور.

مستوى سائل التبريد

تمثل زجاجة سائل التبريد وسيلة مرئية سريعة يمكن من خلالها التأكد مما إذا كان مستوى مانع التجمد أو سائل التبريد كافيًا من عدمه. عندما يكون المحرك متوقفًا وباردًا، يجب أن يكون مستوى سائل التبريد (مانع التجمد) في الحاوية بين النطاقين الموضحين على الحاوية.

تنبيه! (تابع)

تقنية الإضافات العضوية المهجنة (HOAT) (مانع التجمد) أو أي سائل تبريد "متوافق عالميًا" (مانع التجمد). في حال توفير سائل تبريد غير سائل التبريد ذي تقنية الإضافات العضوية (OAT) (مانع التجمد) في نظام التبريد بالحالات الطارئة، سيحتاج نظام التبريد إلى التصريف والشطف وإعادة تعبئته بسائل تبريد جديد ذي تقنية الإضافات العضوية (OAT) (متوافق مع MS-12106)، بواسطة وكيل معتمد في أقرب وقت.

- لا تستخدم الماء العادي فقط أو منتجات سائل تبريد المحرك (مانع التجمد) ذات أساس كحولي. لا تستخدم مواد مانعة للصدأ إضافية أو منتجات مقاومة للصدأ، حيث إنها قد لا تتوافق مع سائل تبريد الراديياتير، وقد تسد الراديياتير.
- هذه السيارة غير مصممة بحيث يمكن استخدام سوائل تبريد المحرك (مانع التجمد) التي تستند إلى قاعدة من بروبلين الجليكول. لا يُوصى باستخدام سوائل تبريد المحرك (مانع التجمد) التي تستند إلى قاعدة من بروبلين الجليكول.

إضافة سائل التبريد

تحتوي سيارتك على سائل تبريد المحرك (سائل تبريد ذي تقنية الإضافات العضوية (OAT) متوافق مع متطلبات معيار مواد MS-12106) محسن يطيل المدة اللازمة للصيانة. يمكن استخدام سائل تبريد المحرك (مانع التجمد) لفترة تصل إلى عشر سنوات أو 240000 كم (150000 ميل) قبل استبداله. لمنع انخفاض مدة الصيانة الممتدة هذه، من الهام استخدام نفس سائل تبريد المحرك (سائل تبريد ذي تقنية الإضافات العضوية (OAT) متوافق مع متطلبات معيار مواد MS-12106)، طيلة فترة استخدام السيارة.

يُرجى الرجوع إلى توصيات استخدام سائل تبريد المحرك (مانع التجمد) ذي تقنية الإضافات العضوية (OAT) والذي يتوافق مع متطلبات معيار المواد القياسية MS-12106 لشركة Chrysler. عند إضافة سائل تبريد المحرك (مانع التجمد):

- ننصح باستخدام تركيبة مانع التجمد/سائل تبريد من MOPAR® المغطى بضمان 10 سنوات/150000 ميل ذو تقنية الإضافات العضوية (OAT) والتي تتوافق مع متطلبات معيار المواد القياسية MS-12106 لشركة Chrysler.
- امزج محلول سائل تبريد المحرك ذو تقنية الإضافات العضوية (OAT) والذي يتوافق مع متطلبات معيار المواد القياسية MS-12106 لشركة Chrysler بنسبة 50% مع ماء مقطر. استخدم تركيزات عالية (لا تتعدى 70%) إذا كانت درجة الحرارة المتوقعة أقل من 37- درجة مئوية (-34 درجة فهرنهايت).
- استخدم ماءً عالي النقاء فقط مثل الماء المقطر أو الماء غير المتأين عند خلط محلول الماء مع محلول سائل تبريد المحرك (مانع التجمد). يقلل استخدام الماء المنخفض الجودة من مقدار الحماية ضد الصدأ في نظام تبريد المحرك.

يُرجى ملاحظة أنه من مسؤولية المالك الحفاظ على مستوى الحماية ضد التجمد تبعًا لدرجات الحرارة التي تحدث في المناطق التي يتم فيها تشغيل السيارة.

نظام التبريد

تحذير!

يمكنك كما يمكن للآخرين التعرض لخطر الاحتراق بواسطة سائل تبريد المحرك (مانع التجمد) أو البخار الساخن المتصاعد من الرادياتير. إذا رأيت أو سمعت صوت الأبخرة المتصاعدة من أسفل غطاء المحرك، فلا تفتح الغطاء حتى يبرد الرادياتير. لا تحاول فتح غطاء ضغط نظام التبريد إذا كان الرادياتير أو غطاء سائل التبريد ساخنين.

عمليات فحص سائل تبريد المحرك

افحص واقي سائل تبريد المحرك (مانع التجمد) كل 12 شهرًا (قبل حلول فصل التجمد، متى توفرت الفرصة لذلك). إذا كان محلول تبريد المحرك (مانع التجمد) متسخًا، فيجب تصريف النظام وغسله وإعادة ملئه بسائل تبريد ذي تقنية الإضافات العضوية (OAT) (متوافق مع متطلبات معيار مواد MS-12106) بواسطة الوكيل المعتمد. افحص مقدمة مكثف مكيف الهواء للتحقق مما إذا كانت هناك أية حشرات ملتصقة أو أوراق شجر إلخ. ونظف الراديتير بواسطة رش الماء برفق من خرطوم الحديقة على الجزء الخلفي من قلب المكثف.

افحص خراطيم نظام تبريد المحرك للتأكد من عدم تقطع المطاط أو حدوث تشققات أو تآكلات أو تقطعات أو ضيق في الوصلة الموجودة في زجاجة استرجاع سائل التبريد والراديتير. افحص النظام بأكمله للتأكد من عدم وجود أي تسرب.

عندما يكون المحرك في درجة حرارة التشغيل العادية، (دون أن يتم تشغيله)، افحص غطاء ضغط نظام التبريد للتأكد من إحكام غلق المنطقة المفرغة من الهواء بطريقة صحيحة، وذلك بواسطة تصريف مقدار صغير من سائل تبريد المحرك (مانع التجمد) من صنبور تصريف الراديتير. إذا كان الغطاء مغلقًا بإحكام، فسيبدأ سائل تبريد المحرك (مانع التجمد) في التسرب من زجاجة استرجاع سائل التبريد. لا ترفع غطاء ضغط سائل التبريد إذا كان نظام التبريد ساخنًا.

نظام التبريد - التصريف والغسيل وإعادة التعبئة

ملاحظة: تتطلب بعض السيارات أدوات خاصة لإضافة سائل التبريد بصور صحيحة. قد يتسبب عدم مراعاة ملء هذه الأنظمة بصورة صحيحة إلى حدوث تلف داخلي بالغ بالمحرك. في حالة الحاجة إلى إضافة أي سائل تبريد إلى النظام، يُرجى الاتصال بالوكيل المعتمد المحلي.

إذا كان محلول تبريد المحرك (مانع التجمد) متسخًا أو يحتوي على ترسيبات مرئية، فاطلب من الوكيل المعتمد تنظيفه وغسله باستخدام سائل تبريد ذو تقنية الإضافات العضوية (OAT) (مانع التجمد) (متوافق مع متطلبات معيار مواد MS-12106).

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

اختيار سائل التبريد

راجع "السوائل وزيوت التشحيم وقطع الغيار الأصلية" في "صيانة السيارة" للحصول على مزيد من المعلومات.

تنبيه!

• قد يترتب على خلط محلول تبريد المحرك (مانع التجمد) بمادة تبريد أخرى غير سائل تبريد المحرك ذي تقنية الإضافات العضوية (OAT) المحدد تلف المحرك واحتمال انخفاض الوقاية من التآكل. سائل تبريد المحرك ذي تقنية الإضافات العضوية (OAT) مختلف ويجب ألا يتم خلطه مع سائل تبريد المحرك ذي

(تابع)

المحكمة الغلق والتي قد تسمح لأدخنة العادم بالتسلل إلى داخل مقصورة الركاب. وبالإضافة إلى ذلك، افحص نظام العادم بمعرفة الفني في كل مرة يتم فيها رفع السيارة بغرض التشحيم أو تغيير الزيت. استبدله إذا تطلب الأمر.

تحذير!

- إن غازات العادم يمكن أن تسبب الأذى أو الوفاة. فهي تحتوي على أول أكسيد الكربون (CO) وهو عديم اللون والرائحة. وقد يتسبب في فقدان الوعي والتسمم إذا استنشقته. لتجنب استنشاق أول أكسيد الكربون (CO)، راجع "غاز العادم/إرشادات السلامة" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" للحصول على مزيد من المعلومات.
- إن سخونة نظام العادم قد تحدث حريقًا إذا كانت السيارة متوقفة فوق مواد قابلة للاشتعال. وقد تكون هذه المواد من الحشائش أو الأوراق التي تتصل مع نظام العادم. لا توقف السيارة أو تقوم بتشغيلها في مناطق يحتمل فيها حدوث اتصال بين نظام العادم وأي شيء قابل للاحتراق.

تنبيه!

- يستلزم استخدام المحول الحفاز استخدام الوقود الخالي من الرصاص فقط. سيدمر البنزين المخلوط بالرصاص فعالية المحول الحفاز باعتباره جهاز تحكم في الانبعاثات وقد يؤدي إلى خفض أداء المحرك بشكل كبير ويتسبب في تلف جسيم بالمحرك.
- وقد يحدث تلف في المحول الحفاز إذا لم يتم تشغيل السيارة في ظروف تشغيل صحيحة. وفي حالة تعطل محرك السيارة، كأن يحدث احتراق خاطئ بالمحرك أو أي تفاوت واضح في الأداء، فعليك الاتجاه إلى مركز الصيانة لخدمة السيارة. حيث إن التشغيل المستمر للسيارة مع وجود عطل خطير بها قد يؤدي إلى ارتفاع درجة حرارة المحول الحفاز بشكل زائد، مما يترتب عليه حدوث تلف في المحول الحفاز والسيارة.

وفي ظل ظروف التشغيل العادية، لا يتطلب الأمر إجراء أعمال صيانة في المحول الحفاز. إلا أنه من الضروري العمل على صيانة المحرك بشكل صحيح للتأكد من تشغيل عامل الحفز بطريقة صحيحة ومنع حدوث أي تلف محتمل في المحول الحفاز.

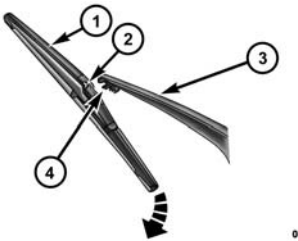
ملاحظة: يؤدي العبث المتعمد بأنظمة التحكم في الانبعاثات إلى صدور عقوبات مدنية ضدك.

في المواقف غير المعتادة التي تشمل تعطل المحرك، قد يشير انبعاث رائحة لاذعة إلى ارتفاع درجة حرارة المحول الحفاز إلى درجة غير طبيعية. في حالة حدوث ذلك، أوقف السيارة، وأوقف تشغيل المحرك واترك المحرك يبرد. ينبغي إجراء أعمال الصيانة التي تتضمن الضبط وفقًا للمواصفات المحددة من قِبل الجهة المصنعة على الفور.

لتقليل احتمال تلف المحول الحفاز:

- لا تقم بإيقاف تشغيل المحرك أو تقاطع عملية التشغيل عند تعشيق ناقل الحركة وتحرك السيارة.
- لا تحاول بدء تشغيل المحرك بواسطة دفع أو سحب السيارة.
- لا تحاول تشغيل المحرك دون قيادة السيارة أثناء فصل أو نزع أي من أسلاك شمعة الإشعال، على سبيل المثال، أثناء إجراء عمليات الفحص، أو لفترات زمنية طويلة أثناء كل محاولة تشغيل عنيفة للمحرك دون قيادة السيارة، أو في ظروف التشغيل غير المواتية.

2. ارفع ذراع الماسحة الخلفية لأعلى لرفع شفرة الماسحة من على زجاج باب المؤخرة.
3. أمسك الجزء السفلي من شفرة الماسحة وقم بتدويره للأمام لفك سن محور الشفرة من حامل شفرة الماسحة.



1 — شفرة الماسحة
2 — سن محور الشفرة
3 — ذراع الماسحة
4 — حامل شفرة الماسحة

4. قم بتركيب سن محور شفرة الماسحة في حامل شفرة الماسحة الموجود على طرف ذراع الماسحة، واضغط بقوة على شفرة الماسحة حتى تستقر في مكانها.
5. قم بخفض شفرة الماسحة وقم بتثبيت الغطاء المحوري في موضعه.

إضافة سائل الغاسلة

تتشارك غاسلة الزجاج الأمامي وغاسلة النافذة الخلفية في نفس خزان السائل. ويوجد خزان السائل في مقدمة غرفة المحرك. احرص على التحقق من مستوى السائل في الخزان على فترات منتظمة. املأ الخزان بمحلول غاسلة الزجاج الأمامي (وليس بسائل مانع التجمد المستخدم للراديتير) وقم بتشغيل النظام لبضع ثوان للتخلص من السائل المتراكم في القاع.

عند إعادة ملء خزان سائل الغاسلة، خذ جزءًا من سائل الغاسلة وضعه على قطعة قماش أو فوطة وامسح شفرات الماسحة لتحسين أداءها.

لمنع تجمد نظام سائل غسيل الزجاج الأمامي في الطقس البارد، حدد محلولاً أو مزيجًا يطابق نطاق درجة الحرارة في منطقتك أو يزيد عنه. يمكن العثور على معلومات التصنيف هذه في معظم حاويات سائل الغاسلة.

تحذير!

تعتبر مذيبات سائل غسيل الزجاج الأمامي المتوفرة تجاريًا قابلة للاشتعال. أي أنها قد تشتعل وتصيبك بالحروق. ولهذا يجب توخي الحذر عند تعبئة محلول سائل الغسيل أو استخدامه.

نظام العادم

تعد أفضل وسيلة لحماية السيارة من تسرب غاز أول أكسيد الكربون إلى داخلها هو نظام عادم المحرك.

إذا لاحظت وجود تغير في صوت نظام العادم، أو إذا لاحظت تصاعد أدخنة العادم داخل السيارة، أو في حالة تلف الجانب السفلي من السيارة أو الجزء الخلفي منها، فيمكنك استدعاء أحد الفنيين المؤهلين لفحص نظام العادم بالكامل والجوانب القريبة من الجزء التالف من هيكل السيارة للتأكد من عدم وجود كسور أو تلفيات، أو تركيب أجزاء العادم بطريقة خاطئة. الشقوق أو التوصيلات غير

تشحيم هيكل السيارة

يجب تشحيم جميع النقاط المحورية الموجودة على جسد السيارة التي تتضمن أقفال الأبواب ومفصلات الأبواب ونقاطه المحورية والباب الخلفي بشكل دوري باستخدام شحم ليثيوم مثل رشاش من نوع ®MOPAR لتأكيد عملها بشكل سهل ولحمايتها ضد الغبار والأتربة. وقبل وضع أي زيت تشحيم، ينبغي مسح الأجزاء المطلوب تشحيمها حتى التأكد من نظافتها لإزالة الأتربة والحبيبات الرملية، وبعد الانتهاء من عملية التشحيم، ينبغي إزالة أية زيوت تشحيم أو شحومات زائدة. ينبغي أيضًا الانتباه على وجه الخصوص لمكونات مزلاج غطاء المحرك للتأكد من عملها بطريقة صحيحة. وفي حالة إجراء أية أعمال خدمة تحت غطاء المحرك، فينبغي تنظيف مزلاج غطاء المحرك وآلية فتح الغطاء وماسك الأمان وتشحيمها.

ينبغي أيضًا تشحيم أسطوانات القفل الخارجية مرتين في العام، ويفضل إجراء ذلك مرة في فصل الخريف ومرة أخرى في فصل الربيع. ضع مقدارًا قليلاً من زيت التشحيم عالي الجودة مثل زيت تشحيم أسطوانة القفل من ®Mopar مباشرة داخل أسطوانة القفل.

شفرات ماسحة الزجاج الأمامي

ينبغي تنظيف الزوايا المطاطية لشفرات المساحة والزجاج الأمامي دوريًا بواسطة قطعة من الإسفنج أو القماش الخفيف ومنظف لطيف لا يسبب أي خدوش. حيث يتم بذلك التخلص من تراكمات الملح أو الأتربة الرقيقة العالقة من الطريق.

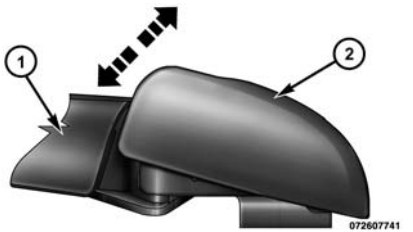
قد يؤدي تشغيل الماسحات على الزجاج وهو جاف لفترات زمنية طويلة إلى تلف شفرات الماسحة. استخدم دومًا سائل الغاسلة عند استخدام الماسحات لإزالة الملح أو الأوساخ عن الزجاج الأمامي الجاف.

تجنب استخدام شفرات الماسحة لإزالة الصقيع أو الثلج عن الزجاج الأمامي. احرص على إبعاد مطاط الماسحة عن ملامسة المنتجات البترولية مثل زيت المحرك أو البنزين، إلخ.

ملاحظة: يختلف العمر المتوقع لشفرات الماسحة حسب المنطقة الجغرافية وتكرار الاستخدام. قد يظهر الأداء السيئ للشفرات في شكل بقع أو علامات أو خطوط مائية أو بقع مبتلة. في حالة وجود أي من هذه الظروف، قم بتنظيف شفرات الماسحة أو استبدلها عند اللزوم.

تركيب/إزالة شفرات الماسحة الخلفية - إذا كانت السيارة مزودة بذلك

1. ارفع لأعلى الغطاء المحوري الموجود على ذراع الماسحة الخلفية. فسوف يتيح هذا الأمر إمكانية رفع شفرة الماسحة لأعلى من على زجاج باب المؤخرة.



1 — ذراع الماسحة

2 — الغطاء المحوري

ملاحظة:

لا يمكن رفع ذراع الماسحة الخلفية لأعلى بشكل كامل ما لم يتم رفع الغطاء المحوري أولاً.

تحذير!

- استخدم سوائل التبريد وزيوت تشحيم الضاغط المعتمدة فقط من قِبل الجهة المصنعة لنظام مكيف الهواء. بعض سوائل التبريد غير المعتمدة قابلة للاشتعال ويمكن أن تنفجر، مما يؤدي إلى إصابتك. حيث قد تتسبب سوائل التبريد أو زيوت التشحيم الأخرى غير المعتمدة في تعطل النظام، مما يتطلب إجراء إصلاحات مكلفة ماديًا. راجع كتاب معلومات الضمان، الموجود على قرص DVD، للتعرف على مزيد من المعلومات حول الضمان.

تنبيه!

لا تستخدم مواد كيميائية في أي نظام تكييف هواء حيث إن الكيماويات يمكن أن تتلف مكونات مكيف الهواء. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف.

استعادة سائل التبريد R134a وإعادة استخدامه — إذا كانت السيارة مزودة بذلك

يعد سائل التبريد R-134a الخاص بمكيف الهواء أحد مكونات الهيدروفلوروكربون (HFC) التي تدعم استخدامها وكالة حماية البيئة، كما يعد أحد المكونات غير الضارة بالأوزون. إلا أن الجهة المصنعة تُوصي بإجراء أعمال الصيانة لمكيف الهواء بمعرفة الوكيل المعتمد، أو من خلال مراكز الخدمة الأخرى التي تستخدم معدات الاستعادة وإعادة التدوير.

ملاحظة: استخدم زيت الضاغط PAG لنظام مكيف الهواء وسوائل التبريد المعتمدة من الجهة المصنعة فقط.

استعادة سائل التبريد HFO 1234yf وإعادة استخدامه — إذا كانت السيارة مزودة بذلك

يعد سائل التبريد HFO 1234yf الخاص بمكيف الهواء أحد مكونات الهيدروفلوروكربون (HFC) التي تدعم استخدامها وكالة حماية البيئة، كما يعد أحد المكونات غير الضارة بالأوزون ذو احتمال قليل لزيادة الحرارة العالمية (GWP). إلا أن الجهة المصنعة تُوصي بإجراء أعمال الصيانة لمكيف الهواء بمعرفة الوكيل المعتمد، أو من خلال مراكز الخدمة الأخرى التي تستخدم معدات الاستعادة وإعادة التدوير.

ملاحظة: استخدم زيت الضاغط PAG لنظام مكيف الهواء وسوائل التبريد المعتمدة من الجهة المصنعة فقط.

فلتر هواء مكيف الهواء — إذا كانت السيارة مزودة بذلك

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

تحذير!

لا تقم بإزالة فلتر هواء مكيف الهواء أثناء تشغيل المروحة حتى لا تحدث إصابة.

تحذير!

يمكن أن يوفر نظام حقن الهواء (جهاز تنقية الهواء والخراطيم، الخ) درجة من الحماية في حالة اشتعال الوقود غير مكتمل الاحتراق داخل المحرك. لا تقم بإزالة نظام حقن الهواء (جهاز تنقية الهواء والخراطيم، إلخ) إلا إذا كانت هذه الإزالة ضرورية للإصلاح أو الصيانة. تأكد من عدم اقتراب أي شخص من غرفة المحرك قبل البدء في تشغيل السيارة دون وجود نظام حقن الهواء (جهاز تنقية الهواء والخراطيم، إلخ). حيث إن عدم الالتزام بذلك قد يترتب عليه حدوث إصابات خطيرة.

تحديد فلتر تنقية هواء المحرك

تختلف جودة فلاتر تنقية هواء المحرك بشكل كبير. ينبغي فقط استخدام فلاتر الزيت عالية الجودة للحصول على أفضل مستوى خدمة. تعد فلاتر تنقية هواء المحرك من نوع MOPAR® فلاتر عالية الجودة ويُوصى باستخدامها.

بطارية لا تحتاج إلى أعمال الصيانة

سيارتك مزودة ببطارية لا تحتاج إلى أعمال الصيانة. حيث لا يلزم إضافة ماء، كما لا يلزم إجراء أعمال صيانة دورية لها.

تحذير!

- سائل البطارية محلول حامضي أكال ويمكن أن يتسبب في إصابتك بحروق أو إصابتك بالعمى لا قدر الله. احرص على إبعاد سائل البطارية عن العين أو البشرة أو الملابس. لا تمل بجسدك فوق البطارية أثناء توصيل ماسكات التوصيل الكهربي. في حالة تناثر الحامض على العين أو الجلد، أسرع بغسل المنطقة المصابة على الفور بمقادير كبيرة من الماء. راجع "إجراءات تشغيل سيارة ذات بطارية ضعيفة" في "ما يجب أن تفعله في الحالات الطارئة" للحصول على مزيد من المعلومات.
- غاز البطارية قابل للاشتعال والانفجار. احرص على إبعاد اللهب أو أي مصدر للشرارة عن البطارية. لا تستخدم بطارية معززة أو أي مصدر معزز آخر مزود بخرج أكبر من 12 فولت. لا تسمح بحدوث تلامس بين ماسكات الكابل.
- تحتوي أقطاب وأطراف البطارية والملحقات الخاصة بها على الرصاص ومركباته. اغسل يديك بعد حمل البطارية.

تنبيه!

- من الضروري عند وضع الكابلات على البطارية أن يتم توصيل الطرف الموجب للكابل بالقطب الموجب في البطارية والطرف السالب للكابل بالقطب السالب للبطارية. يتم تمييز أقطاب البطارية الموجب بعلامة (+) والسالب بعلامة (-)، وهي مبينة على حاوية البطارية. ينبغي إحكام توصيل ماسكات الكابل بأقطاب البطارية، كما ينبغي أن تكون خالية من الصدأ.
- في حالة توصيل "الشاحن السريع" أثناء وجود البطارية في السيارة، افصل كابلي البطارية قبل توصيل الشاحن بالبطارية. لا تستخدم "الشاحن السريع" لتوفير فولتية بدء التشغيل.

صيانة مكيف الهواء

للوصول إلى أفضل أداء ممكن، ينبغي فحص مكيف الهواء وإجراء أعمال الخدمة به بمعرفة الوكيل المعتمد في بداية موسم الصيف. ينبغي أن تتضمن هذه الخدمة تنظيف زعانف المكثف وإجراء اختبار الأداء. ينبغي أيضًا فحص قوة شد سير التشغيل في هذا الوقت.

لزوجة زيت المحرك (درجة SAE) - المحرك سعة 3.2 لترات

يُوصى باستخدام زيت المحرك SAE 5W-20 من MOPAR® مثل Pennzoil® أو Shell Helix® أو ما يعادله لجميع درجات حرارة التشغيل. حيث يعمل هذا النوع على تحسين بادئ التشغيل في درجة الحرارة المنخفضة وتوفير الوقود في السيارة. يوجد على غطاء فتحة تعبئة زيت المحرك أيضًا درجات اللزوجة المُوصى باستخدامها مع زيت محرك سيارتك. راجع الشكل التوضيحي لغرفة المحرك في هذا القسم للاطلاع على المعلومات حول موقع غطاء فتحة تعبئة زيت المحرك.

ملاحظة: قد يتم استخدام زيت المحرك SAE 5W-30 من MOPAR® المعتمد لدى شركة Chrysler والمتوافق مع معيار المواد MS-6395 عندما لا يتوافر زيت المحرك SAE 5W-20 المتوافق مع معيار MS-6395.

زيوت المحرك الاصطناعية

يمكنك استخدام زيوت المحرك الاصطناعية بشرط مطابقتها لمتطلبات جودة الزيوت المُوصى بها واتباع فترات الصيانة المُوصى بها لتغيير الزيت والفلتر.

المواد المضافة إلى زيت المحرك

توصي الجهة المصنعة بشكل واضح بعدم إضافة أية مواد مضافة (باستثناء صبغات التحقق من التسرب) إلى زيت المحرك. حيث إن زيت المحرك يعد أحد المنتجات الهندسية وقد يتأثر أداؤه نتيجة لاستخدام المواد المضافة البديلة.

التخلص من زيت المحرك المستخدم وفلاتر الزيت

ينبغي الحرص عند التخلص من زيوت المحرك المستخدمة وفلاتر الزيت. حيث قد يمثل التخلص من زيت المحرك المستخدم وفلاتر الزيت المستخدمة، بطريقة غير قانونية"، مشكلة كبيرة للبيئة. اتصل بالوكيل المعتمد أو بمحطة الخدمة أو بالوكالة الحكومية المختصة لطلب المشورة فيما يتعلق بكيفية التخلص من الزيوت والفلاتر المستخدمة والمكان المناسب لذلك بطريقة آمنة.

فلتر زيت المحرك

ينبغي استبدال فلتر زيت المحرك بفلتر زيت جديد في كل مرة يتم فيها تغيير زيت المحرك.

ملاحظة: للوصول إلى فلتر الزيت بشكل أفضل، يجب استخدام عربة على رافعة بدلًا من رافعة الهيكل.

تحديد فلتر زيت المحرك

يتم تزويد محركات هذه الجهات المصنعة بفلتر زيت من النوع المتدفق الكامل الذي يمكن التخلص منه بعد الاستخدام. استخدم فلتر من هذا النوع عند استبدال فلتر الزيت في سيارتك. تتنوع جودة فلاتر الزيت البديلة بدرجة ملحوظة. ينبغي فقط استخدام فلاتر الزيت عالية الجودة للحصول على أفضل مستوى خدمة. تعد فلاتر زيت المحركات من نوع MOPAR® فلاتر عالية الجودة ويُوصى باستخدامها.

فلتر تنقية هواء المحرك

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

ملاحظة: تأكد من اتباع مواعيد الصيانة الخاصة بـ "ظروف الطرق الترابية أو غير الممهدة" إذا كان الأمر ينطبق على استخدامك لسيارتك.

تغيير زيت المحرك

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة.

المحرك اختيار الزيت

للوصول إلى أعلى معدلات الأداء وأقصى حماية ممكنة في جميع ظروف التشغيل، توصي الجهة المصنعة باستخدام زيوت المحرك المعتمدة فقط من معهد البترول الأمريكي (API) والتي تتوافق مع متطلبات معيار مواد MS-6395 لشركة Chrysler.

المحرك اختيار الزيت

للوصول إلى أعلى معدلات الأداء وأقصى حماية ممكنة في جميع ظروف التشغيل، تُوصي الجهة المصنعة باستخدام زيوت المحرك المعتمدة فقط من معهد البترول الأمريكي (API) والتي تتوافق مع متطلبات معيار مواد MS-6395 أو ACEA A1/B1 لشركة Chrysler.

رمز تعريف زيت محرك معهد البترول الأمريكي (API)

ويعني هذا الرمز أنه قد تم اعتماد الزيت بواسطة معهد البترول الأمريكي (API). توصي الجهة المصنعة باستخدام زيوت المحركات المعتمدة من معهد البترول الأمريكي (API) فقط.

تنبيه!

لا تستخدم مواد كيميائية في زيت المحرك مثل الكيماويات التي يمكن أن تتلف المحرك. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف.

لزوجة زيت المحرك (درجة SAE) - المحرك سعة 2.4 لتر

يُوصى باستخدام زيت المحرك SAE 0W-20 المعتمد من معهد البترول الأمريكي (API) مثل ®MOPAR أو ®Pennzoil أو ®Shell Hellix أو ما يعادله في جميع درجات حرارة التشغيل. حيث يعمل هذا النوع على تحسين بادئ التشغيل في درجة الحرارة المنخفضة وتوفير الوقود في السيارة. يوجد على غطاء فتحة تعبئة زيت المحرك أيضًا درجات اللزوجة المُوصى باستخدامها مع زيت محرك سيارتك.

في حالة عدم توافر زيت المحرك 0W-20 من ®MOPAR، يمكن استخدام 5W-20 من ®MOPAR والمعتمد من معهد البترول الأمريكي (API) كبديل مناسب مؤقتًا. يُرجى التأكد من الرجوع إلى 0W-20 عند تغيير الزيت في المرة التالية، كما هو مشار إليه بمؤشر تغيير الزيت الأوتوماتيكي للسيارة.

ويجب قطعًا الامتناع عن استخدام زيوت التشحيم التي لم تحصل على كل من علامة اعتماد زيت المحرك ورقم درجة لزوجة SAE الصحيح.

تحذير!

يمكنك أن تتعرض للإصابة في حالة العمل داخل أحد المحركات أو حوله. لا تقم إلا بأعمال صيانة التي لديك معرفة بها وتمتلك المعدات المناسبة للقيام بها. وإذا تشككت في قدرتك على إجراء أعمال الخدمة في السيارة، فخذ سيارتك إلى أحد فنيي الميكانيكا المؤهلين.

إجراءات الصيانة

تحتوي الصفحات التالية على خدمات الصيانة **المطلوبة** والتي يتم تحديدها بواسطة المهندسين القائمين على تصميم السيارة.

إلى جانب بنود الصيانة الواردة في "دليل الصيانة والضمان" الثابت، قد تتطلب مكونات أخرى الصيانة أو الاستبدال في المستقبل.

تنبيه!

- قد يؤدي عدم صيانة السيارة بشكل صحيح أو عمل الإصلاحات والخدمة عند اللزوم إلى عمليات إصلاح مكلفة جدًا، وتلف مكونات أخرى أو التأثير السلبي على أداء السيارة. قم على الفور بفحص الأعطال المحتملة لدى موزع معتمد أو مركز إصلاح مؤهل.
- لقد تم تصنيع سيارتك من سوائل محسنة تحافظ على أداء السيارة وقوة تحملها كما تسمح بفترات صيانة طويلة. لا تستخدم مواد كيميائية في هذه المكونات حيث يمكن أن تسبب مثل هذه المواد الكيميائية تلف المحرك أو ناقل الحركة أو مكيف الهواء. لا يغطي ضمان السيارة الجديدة المحدود مثل هذا التلف. إذا لزم استخدام مادة كيميائية لوجود خلل في أحد المكونات، فاستخدم السائل الكيميائي المحدد فقط لإجراء التصريف.

زيت المحرك

فحص مستوى الزيت

للتأكد من تشحيم المحرك بطريقة صحيحة، يجب أن يظل زيت المحرك عند المستوى الصحيح. افحص مستوى الزيت على فترات زمنية منتظمة، مثلاً عند كل توقف للتزود بالوقود. أفضل وقت لفحص مستوى زيت المحرك هو بعد خمس دقائق تقريبًا من توقف عمل المحرك الذي وصل إلى درجة إحماء كاملة.

يمكن التحقق من مستوى الزيت بدقة أثناء قياس مستوى الزيت والسيارة متوقفة على سطح مستو. احتفظ دائمًا بمستوى الزيت ضمن المنطقة الآمنة على عصا القياس. تؤدي إضافة كوارت واحد (0.9 لتر) من الزيت عندما تكون القراءة في أسفل المنطقة الآمنة إلى ظهور القراءة في أعلى المنطقة الآمنة في هذه المحركات.

تنبيه!

وقد يترتب على زيادة مستوى زيت علبة المرافق أو انخفاضه إلى تشبع الزيت بالأكسجين أو فقدان ضغط الزيت. وقد يؤدي ذلك إلى تلف المحرك.

(تابع)

تتميز سيارتك بإمكانية إجراء اختبار بسيط لها باستخدام مفتاح التشغيل، والذي يمكنك استخدامه قبل الذهاب إلى محطة الاختبار. للتحقق مما إذا كان نظام الفحص الذاتي OBD II جاهزًا بسيارتك أم لا، يجب القيام بما يلي:

1. أدر مفتاح التشغيل إلى وضع ON (التشغيل)، لكن لا تقم بتدوير المحرك أو بدء تشغيله.

ملاحظة: إذا قمت بتدوير المحرك أو تشغيله، فسيتعين عليك إعادة هذا الاختبار.

2. بمجرد إدارة المفتاح إلى وضع ON (التشغيل)، سترى رمز ضوء مؤشر العطل (MIL) يظهر كجزء من التحقق الصحيح من اللمبة.
3. وبعد مرور 15 ثانية تقريبًا، سيحدث أحد أمرين:

- سيومض ضوء مؤشر العطل (MIL) لمدة 10 ثوان تقريبًا ثم يعود للإضاءة بالكامل حتى تقوم بوضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل) أو تشغيل المحرك. وهذا يعني أن نظام الفحص الذاتي OBD II **ليس جاهزًا** وأنه يجب عليك **عدم** الانتقال إلى محطة I/M.
- لن يومض ضوء مؤشر العطل (MIL) على الإطلاق وسيظل مضاءً بشكل كامل حتى تقوم بوضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل) أو تشغيل المحرك. وهذا يعني أن نظام الفحص الذاتي OBD II في السيارة **جاهز** ويمكنك الانتقال إلى محطة I/M.

إذا كان نظام الفحص الذاتي OBD II **غير جاهز**، فيجب الرجوع إلى الوكيل المعتمد أو ورشة الإصلاح. إذا كان قد تم صيانة سيارتك حديثًا أو تلفت بطاريتها أو تم استبدال بطاريتها حديثًا، فلن تحتاج إلى القيام بأكثر من قيادة السيارة كالمعتاد لكي يتم تحديث نظام الفحص الذاتي OBD II. وقد تشير عملية إعادة الفحص باستخدام الاختبار المذكور أعلاه إلى أن **النظام جاهز**.

وبغض النظر عما إذا كان نظام الفحص الذاتي OBD II جاهزًا أم لا، إذا أضاء ضوء مؤشر العطل (MIL) أثناء التشغيل العادي للسيارة، فيجب صيانة سيارتك قبل الانتقال إلى محطة I/M. قد تعمل محطة I/M على إحداث خلل بسيارتك لأن ضوء مؤشر العطل (MIL) مضاءً أثناء تشغيل المحرك.

استبدال قطع الغيار

يُوصى بشدة باستخدام قطع غيار ®MOPAR الأصلية في أعمال الصيانة والإصلاح العادية أو الدورية، وذلك للتأكد من المحافظة على مستوى الأداء. لا يغطي ضمان السيارة الجديدة المحدود الخلل أو التلف الناتج عن عدم استخدام قطع غيار ®MOPAR الأصلية في أعمال الصيانة والإصلاح.

خدمة الوكيل

يتوفر لدى الوكيل المعتمد الفنيين المؤهلين والمعدات والأدوات الخاصة التي تساعدهم على إجراء جميع أعمال الخدمة باحتراف. تتوفر أدلة الصيانة التي تتضمن معلومات صيانة مفصلة لسيارتك. راجع أدلة الصيانة هذه قبل محاولة القيام بأي إجراء بنفسك.

ملاحظة: قد يؤدي العبث المتعمد بأنظمة التحكم في الانبعاثات إلى إلغاء الضمان وإلى صدور عقوبات مدنية ضدك.

نظام الفحص الذاتي - OBD II

السيارة مزودة بنظام فحص ذاتي متطور يطلق عليه اسم OBD II. حيث يراقب هذا النظام مستوى الانبعاثات وأداء المحرك وأنظمة التحكم في ناقل الحركة الأوتوماتيكي. وعندما تعمل هذه الأنظمة بطريقة صحيحة، فإن ذلك يؤدي إلى ارتفاع مستوى أداء السيارة ويؤثر إيجابيًا على اقتصاديات استهلاك الوقود، إضافة إلى أنه يتحكم في انبعاثات المحرك وفقًا للقواعد الحكومية الراهنة.

إذا تطلب الأمر صيانة أي من هذه الأنظمة، فسيقوم نظام التشخيص الداخلي OBD II بتشغيل "مصباح مؤشر العطل (MIL)"، كما يقوم بتخزين الرموز التشخيصية والمعلومات الأخرى لمساعدة فني الخدمة في إجراء الإصلاحات. وبالرغم من إمكانية قيادة السيارة دون الحاجة إلى السحب، إلا أنه ينبغي اللجوء بأسرع ما يمكن إلى استوديو المعتمد إذا تطلب الأمر إجراء صيانة.

تنبيه!

- تؤدي قيادة السيارة لفترات طويلة مع إبقاء الأضواء قيد التشغيل إلى حدوث تلف في نظام التحكم في الانبعاثات. كما قد تؤثر أيضًا على اقتصاديات استهلاك الوقود والقدرة على القيادة. يجب صيانة السيارة قبل إجراء أي فحوص للانبعاثات.
- إذا ومض "مصباح مؤشر العطل (MIL)" أثناء عمل المحرك، فإن ذلك يدل على قرب حدوث تلف شديد في المحول الحفاز وفقدان الطاقة. وبالتالي يتطلب الأمر على الفور إجراء أعمال الخدمة.

رسالة عدم ربط غطاء فتحة تعبئة الوقود

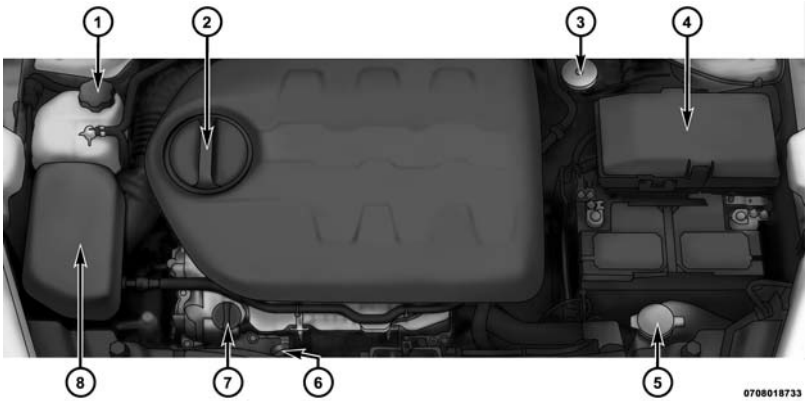
إذا حدد النظام التشخيصي في السيارة أن غطاء فتحة تعبئة الوقود مرتخٍ، أو مركبٍ بشكل غير صحيح، أو تالفٍ، فسيتم عرض رسالة "CHECK GASCAP" (افحص غطاء فتحة ملء الوقود) في مركز معلومات السيارة الإلكتروني(EVIC) أو شاشة عرض معلومات السائق (DID). راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" أو "شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات. أحكم ربط غطاء تعبئة الوقود حتى تسمع صوت "تكة". هذا الصوت يشير إلى أن الغطاء تم غلقه بإحكام. راجع "نظام الفحص الذاتي" الوارد في "صيانة السيارة" للحصول على مزيد من المعلومات.

برامج فحص الانبعاثات وصيانتها

في بعض المناطق، قد يكون من المتطلبات القانونية اجتياز فحص لنظام التحكم بالانبعاثات في سيارتك. ويؤدي عدم اجتياز هذا الفحص إلى منع تسجيل السيارة.

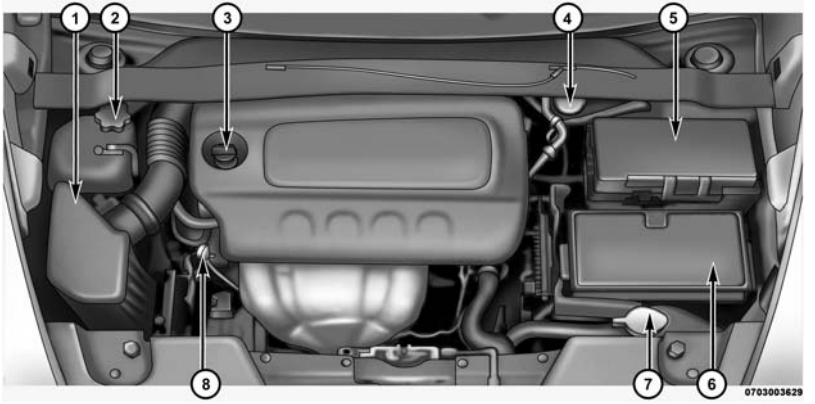
في الوضع المعتاد، سيكون نظام الفحص الذاتي OBD II جاهزًا. قد **لا** يكون نظام الفحص الذاتي OBD II جاهزًا إذا كان قد تم صيانة سيارتك حديثًا أو إذا كانت لديك بطارية فارغة الشحن حديثًا أو إذا كان قد تم استبدال البطارية حديثًا. إذا تم تحديد أن نظام الفحص الذاتي OBD II بسيارتك غير جاهز لاختبار الفحص والأداء، فقد تفشل سيارتك في اجتياز الاختبار.

غرفة المحرك — 3.2 لترات



1 — خزان سائل تبريد المحرك
2 — غطاء الوصول لفلتر زيت المحرك
3 — خزان سائل الفرامل
4 — مركز توزيع الطاقة (المنصهرات)
5 — خزان سائل الغاسلة
6 — عصا قياس زيت المحرك
7 — تعبئة زيت المحرك
8 — فلتر تنقية الهواء

غرفة المحرك — 2.4 لتر



1 — فلتر تنقية الهواء
2 — غطاء ضغط سائل تبريد المحرك
3 — غطاء فتحة تعبئة الزيت
4 — خزان سائل الفرامل
5 — مركز توزيع الطاقة (المنصهرات)
6 — البطارية
7 — خزان سائل الغاسلة
8 — عصا قياس المحرك

- مواصفات السيارة ٤٣٤
- سعات السوائل ٤٣٥
- السوائل وزيوت التشحيم وقطع الغيار الأصلية ٤٣٦
  - المحرك ٤٣٦
  - الشاسيه ٤٣٧

- شفرات ماسحة الزجاج الأمامي ٤٠٧
- إضافة سائل الغاسلة ٤٠٨
- نظام العادم ٤٠٨
- نظام التبريد ٤١٠
- نظام الفرامل ٤١٤
- ناقل الحركة الأوتوماتيكي - إذا كانت السيارة مزودة بذلك ٤١٥
- ناقل الحركة اليدوي - إذا كانت السيارة مزودة بذلك ٤١٦
- العناية بالهيكل الخارجي ووقايته من التآكل ٤١٦

• المنصهرات ٤٢٠
- مركز توزيع الطاقة ٤٢٠
- المنصهرات الداخلية ٤٢٨

• استبدال المصابيح ٤٢٩

• استبدال اللمبة ٤٣١
- المصابيح الأمامية ذات الضوء المنخفض وذات الضوء العالي ٤٣١
- مصابيح إشارة الانعطاف الأمامية ٤٣٢
- مصباح الضباب الأمامي ٤٣٢
- مصباح الضباب الأمامي (طراز Trailhawk) ٤٣٢
- مصباح إشارة الانعطاف الخلفية ٤٣٣
- مصباح الرجوع للخلف ٤٣٣
- مصباح الضباب الخلفي ٤٣٣
- مصباح لوحة الأرقام ٤٣٤

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صيانة السيارة

- غرفة المحرك — 2.4 لتر ٣٩٨
- غرفة المحرك — 3.2 لترات ٣٩٩
- نظام الفحص الذاتي - OBD II ٤٠٠
  - رسالة عدم ربط غطاء فتحة تعبئة الوقود ٤٠٠
- برامج فحص الانبعاثات وصيانتها ٤٠٠
- استبدال قطع الغيار ٤٠١
- خدمة الوكيل ٤٠١
- إجراءات الصيانة ٤٠٢
  - زيت المحرك ٤٠٢
  - فلتر زيت المحرك ٤٠٤
  - فلتر تنقية هواء المحرك ٤٠٤
  - بطارية لا تحتاج إلى أعمال الصيانة ٤٠٥
  - صيانة مكيف الهواء ٤٠٥
  - فلتر هواء مكيف الهواء — إذا كانت السيارة مزودة بذلك ٤٠٦
  - تشحيم هيكل السيارة ٤٠٧

وإذا لم تتوفر شاحنة مسطحة، وكانت وحدة نقل الطاقة تعمل، فيمكن سحب سيارات **المزودة بوحدة نقل الطاقة ثنائية السرعات** (في الاتجاه الأمامي مع وجود **جميع** العجلات على الأرض)، في الحالات التالية:

- يجب أن تكون وحدة نقل الطاقة في وضع N (اللاتعشيق).
- إذا كانت السيارة مزودة بناقل حركة أوتوماتيكي، فيجب أن تكون في وضع **PARK** (التوقف).
- إذا كانت السيارة مزودة بناقل حركة يدوي، فيجب أن تكون في أحد التروس (**ليس** في وضع اللاتعشيق).

راجع "الجر من أجل الاستجمام" في "البدء والتشغيل" لمزيد من الإرشادات التفصيلية.

تنبيه!

- يجب عدم استخدام رافعات العجلة الأمامية أو الخلفية. سيحدث تلف داخلي في ناقل الحركة أو وحدة نقل الطاقة في حالة استخدام رافعة عجلة أمامية أو خلفية أثناء السحب.
- يمكن أن ينجم عن مخالفة المتطلبات المذكورة أعلاه لسحب هذه السيارة حدوث أضرار بالغة في ناقل الحركة و/أو وحدة نقل الطاقة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

طُرز الدفع الأمامي (FWD) المزودة بناقل الحركة اليدوي - باستخدام حافظة المفاتيح

تنصح الجهة المُصنعة بسحب السيارة مع رفع جميع العجلات الأربعة **عن** الأرض باستخدام شاحنة مسطحة.

يمكن أيضًا سحب السيارات ذات ناقل الحركة اليدوي سحبًا مسطحًا (الأربعة إطارات على الأرض) مع وضع ناقل الحركة في وضع NEUTRAL (اللاتعشيق).

تنبيه!

- لا تقم

بالسحب المسطح لأي سيارة معطلة إذا كان سبب العطل يتعلق بالقابض أو ناقل الحركة أو مجموعة الدفع والحركة. وقد يتسبب ذلك أيضًا في حدوث تلف إضافي بمجموعة الدفع والحركة.

- يمكن أن ينجم عن مخالفة المتطلبات المذكورة أعلاه لسحب هذه السيارة حدوث أضرار بالغة في المحرك أو ناقل الحركة أو مجموعة الدفع والحركة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

طُرز الدفع الرباعي (4x4) المزودة بوحدة نقل الطاقة أحادية السرعة - باستخدام حافظة المفاتيح

تنصح الجهة المصنعة بالسحب مع رفع جميع العجلات **عن** الأرض.

والطرق المقبولة لذلك هي سحب السيارة على سيارة نقل مسطحة، أو مع رفع أحد طرفي السيارة ووضع الطرف المعاكس له على دلية سحب.

تنبيه!

- لا تقم بسحب هذه السيارة مع وجود أي من عجلاتها على الأرض. قد تتعرض مجموعة الدفع والحركة للتلف جراء ذلك.
- يجب عدم استخدام رافعات العجلة الأمامية أو الخلفية. سيحدث تلف داخلي في ناقل الحركة أو وحدة نقل الطاقة في حالة استخدام رافعة عجلة أمامية أو خلفية أثناء السحب.

(تابع)

تنبيه! (تابع)

- يمكن أن ينجم عن مخالفة المتطلبات المذكورة أعلاه لسحب هذه السيارة حدوث أضرار بالغة في ناقل الحركة و/أو وحدة نقل الطاقة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

طُرز الدفع الرباعي (4x4) المزودة بوحدة نقل الطاقة ثنائية السرعة - باستخدام حافظة المفاتيح

تنصح الجهة المصنعة بالسحب مع رفع جميع العجلات **عن** الأرض.

والطرق المقبولة لذلك هي سحب السيارة على سيارة نقل مسطحة، أو مع رفع أحد طرفي السيارة ووضع الطرف المعاكس له على دلية سحب.

أجهزة السحب أو الرفع الصحيحة مطلوبة لمنع تلف السيارة. استخدم فقط قضبان السحب والمعدات الأخرى المصممة لهذا العرض متبعًا تعليمات الجهة المصنعة للمعدات. يعتبر استخدام سلاسل السلامة إلزاميًا. قم بتوصيل قضيب السحب أو جهاز سحب آخر بالأجزاء الهيكلية الرئيسية للسيارة - وليس بالمصدات أو السندات المتصلة بها. يجب مراعاة قوانين الولاية والقوانين المحلية التي تنطبق على السيارات الجاري سحبها.

ملاحظة: سوف تحتاج السيارات ذات البطارية مفرغة الشحن أو التي بها عطل كهربي بالكامل عند تعشيق فرامل التوقف الكهربية (EPB) إلى دلية سحب مزودة بعجلة أو رافعة لرفع العجلات الخلفية عن الأرض عند تحريك السيارة على شاحنة مسطحة.

إذا كان عليك استخدام ملحقات (الماسحات أو أدوات إزالة الصقيع، إلخ)، أثناء السحب، فيجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق)، وليس في وضع ACC (الملحقات).

إذا كان عليك استخدام ملحقات (الماسحات أو أدوات إزالة الصقيع، إلخ)، أثناء السحب، فيجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق)، وليس في وضع ACC (الملحقات).

في حالة فراغ بطارية السيارة من الشحن، راجع "تجاوز ذراع النقل" في هذا القسم للحصول على إرشادات حول إخراج ناقل الحركة الأوتوماتيكي من وضع PARK (التوقف) بحيث يمكن تحريك السيارة.

تنبيه!

- لا تستخدم مُعدة قطر مزودة بقاطرة عند سحب السيارة. فقد يحدث تلف بالسيارة.
- عند وضع السيارة على سطح شاحنة نقل؛ لا تربطها من مكونات التعليق الأمامية أو الخلفية. حيث قد يترتب على قطر سيارتك بطريقة خاطئة حدوث تلفيات في السيارة.

دون استخدام حافظة المفاتيح

يجب توخي الحذر عند سحب السيارة مع وجود مفتاح التشغيل في وضع LOCK/OFF (القفل/إيقاف التشغيل). الطريقة الوحيدة المعتمدة لسحب السيارة من دون استخدام حافظة المفاتيح تتم بواسطة الشاحنة المسطحة. يلزم استخدام مُعدة السحب المناسبة لمنع حدوث تلف بالسيارة.

طُرز الدفع الأمامي (FWD) المزودة بناقل الحركة الأوتوماتيكي - باستخدام حافظة المفاتيح

تنصح الجهة المُصنعة بسحب السيارة مع رفع جميع العجلات الأربعة **عن** الأرض باستخدام شاحنة مسطحة.

إذا لم تتوافر شاحنة مسطحة، فيجب سحب السيارة مع رفع العجلات الأمامية عن الأرض (باستخدام دلية سحب أو معدات رفع العجلات مع رفع العجلات الأمامية).

تنبيه!

يمكن أن ينجم عن مخالفة المتطلبات المذكورة أعلاه لسحب هذه السيارة حدوث أضرار بالغة في ناقل الحركة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

(تابع)

		طُرز الدفع الأمامي (FWD)		طُرز الدفع الرباعي (4X4)	
ظروف السحب	**العجلات مرفوعة عن الأرض**	**ناقل الحركة الأوتوماتيكي**	**ناقل الحركة اليدوي**	**وحدة نقل الطاقة أحادية السرعة**	**وحدة نقل الطاقة ثنائية السرعة**
السحب المسطح	لا يوجد	**غير مسموح**	**إذا كان ناقل الحركة يعمل:** • ناقل الحركة في وضع NEUTRAL (اللاتعشيق)	**غير مسموح**	**راجع التعليمات في "الجر من أجل الاستجمام" في "البدء والتشغيل"** • وجود ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) • وضع ناقل الحركة على أحد التروس (بخلاف NEUTRAL (اللاتعشيق)) • وحدة نقل الطاقة في وضع NEUTRAL (اللاتعشيق) • السحب باتجاه أمامي
رفع العجلات أو دلية سحب	المؤخرة	**غير مسموح**	**غير مسموح**	**غير مسموح**	**غير مسموح**
	المقدمة	موافق	موافق	**غير مسموح**	**غير مسموح**
شاحنة مسطحة	**الكل**	**الطريقة المثلى**	**الطريقة المثلى**	**موافق**	**الطريقة المثلى**

تجاوز ذراع النقل

في حالة حدوث عطل لا يمكن معه تحريك ذراع النقل في غير وضع PARK (التوقف)، يمكنك استخدام الإجراء التالي لتحريك ذراع النقل مؤقتًا:

1. قم بإيقاف تشغيل المحرك.
2. اضغط على فرامل التوقف.
3. باستخدام مفك براغي أو أداة مشابهة، افصل مجموعة حاوية النقل والغطاء من حاوية الكونسول المركزي بحرص.
4. اضغط مع الاحتفاظ بالضغط القوي على دواسة الفرامل.
5. أدخل مفك صغير أو أداة مشابهة في فتحة الوصول لتجاوز ذراع النقل (في الركن الأمامي الأيمن من مجموعة ذراع النقل)، ثم اضغط مطولاً على ذراع تحرير التجاوز لأسفل.
6. حرك ذراع النقل إلى وضع NEUTRAL (اللاتعشيق).
7. يمكن بعد ذلك بدء تشغيل السيارة في وضع NEUTRAL (اللاتعشيق).
8. أعد تركيب غطاء ذراع النقل.

سحب سيارة معطلة

يصف هذا القسم الإجراءات الخاصة بسحب سيارة معطلة باستخدام خدمة سحب تجارية. في حالة عمل ناقل الحركة ومجموعة الدفع والحركة، يمكن أيضًا سحب السيارات الدفع الرباعي المعطلة كما هو موضح في "الجر من أجل الاستجمام" في القسم "البدء والتشغيل".

تحذير!

إدارة الإطارات بسرعة يمكن أن يشكل خطرًا كبيرًا. وقد تؤدي القوة الناتجة عن سرعات عالية للعجلات إلى تلف محور الدوران والإطارات أو حدوث خلل بهما. وقد ينفجر الإطار ويسبب الإصابة لشخص ما. لا تقم بتدوير عجلات السيارة بسرعة أكبر من 48 كم/ساعة (30 ميلا/ساعة) أو لأكثر من 30 ثانية متواصلة عندما تكون عالقًا ولا تترك أي شخص بالقرب من العجلة عند تدويرها مهما كانت السرعة.

سير الاستخلاص - إذا كانت السيارة مزودة بذلك

قد تتضمن سيارتك سير استخلاص. لا تعمل أشرطة الاستخلاص مثل أشرطة السحب التقليدية أو السلاسل أو كابلات الونش.

تحذير!

يجب استخدام أحزمة الاستخلاص في حالات الطوارئ فقط لإنقاذ السيارات القياسية. استخدم أحزمة الاستخلاص فقط مع السيارات التي تلائم أقصى وزن لحمولة السيارة (GVW) المُوصى به لحزام الاستخلاص الخاص بك. صل أحزمة الاستخلاص بنقاط تثبيت OE الموصى بها أو نقاط تثبيت السحب الطارئ. لا تقم بتوصيله مطلقًا بكرة سحب أو نقطة تثبيت سيارة، فهي غير مصممة لهذه الأغراض. لا تصله مطلقًا بتوجيه السيارة أو مجموعة الدفع أو أي من مكونات التعليق الأخرى. لا تسحب الشريط مطلقًا على حواف حادة أو أسطح خشنة من شأنها إتلاف حزام الاستخلاص. لا تستخدم شريطًا تالفًا أبدًا. لا تحاول إصلاح الأحزمة. يجب أن يتواجد في السيارة الأخرى الأشخاص المختصون بالاستخلاص فقط. لا ركاب. يمكن أن يصطدم أي شخص داخل السيارة بارتداد الشريط، مما يتسبب في إصابة خطرة. حرّك الأشخاص المحيطين مسافة 40 قدم على الأقل من منطقة الاستخلاص عند استخدام حزام الاستخلاص.

استخدام سير الاستخلاص

1. راجع جميع التحذيرات والتعليمات أولاً.
2. اضبط وضع سيارة الاستخلاص.
3. صل شريط الاستخلاص.
4. أضف مُخمّد الاستخلاص أو الغطاء.
5. امسح منطقة الخطر.
6. ابدأ السحب ببطء وأمان.
7. افصل سير الاستخلاص بعد تأمين كلا السيارتين وتوقفهما.

إخراج سيارة عالقة

إذا علقت سيارتك في الطين أو الرمال أو الثلج، فيمكن تحريكها غالبًا بواسطة الحركة الاهتزازية. قم بتدوير عجلة القيادة جهة اليمين ثم جهة اليسار لإخلاء المنطقة المحيطة بالعجلات الأمامية. بالنسبة للسيارات المزودة بناقل حركة أوتوماتيكي، اضغط مطولا على زر القفل بذراع النقل. ثم، قم بالتبديل للخلف والأمام بين DRIVE (القيادة) وREVERSE (الرجوع للخلف) (مع ناقل الحركة الأوتوماتيكي) أو الترس الثاني ووضع REVERSE (الرجوع للخلف) (مع ناقل الحركة اليدوي) مع الضغط برفق على دواسة الوقود.

ملاحظة: بالنسبة للسيارات المزودة بناقل حركة أوتوماتيكي: يمكن فقط تحقيق الانتقال بين وضعي DRIVE (القيادة) وREVERSE (الرجوع للخلف) عندما تكون سرعات العجلات 8 كم/ساعة (5 أميال/الساعة) أو أقل. عندما يكون ناقل الحركة في وضع NEUTRAL (اللاتعشيق) لمدة تزيد عن ثانيتين، يجب أن تضغط على دواسة الفرامل للدخول إلى وضع DRIVE (القيادة) أو REVERSE (الرجوع للخلف).

إن الضغط على دواسة الوقود قليلاً سيحافظ على تأثير الحركة الاهتزازية دون التدوير السريع للعجلات أو تسريع المحرك.

تنبيه!

- قد يترتب على زيادة سرعة المحرك أو تدوير العجلات بسرعة كبيرة إلى ارتفاع درجة حرارة محور النقل أو تعطله. دع المحرك يتباطأ أثناء وجود ناقل الحركة في وضع اللاتعشيق لمدة دقيقة واحدة على الأقل بعد كل خمس دورات من الهز. يقلل ذلك من ارتفاع درجة حرارة القابض أو ناقل الحركة وتوقفه عن العمل أثناء زيادة الجهد لتحرير السيارة العالقة.
- عند هز سيارة معطلة عن الحركة عن طريق الانتقال بين DRIVE (القيادة)/الترس الثاني وترس REVERSE (الرجوع للخلف)، لا تجعل العجلات تدور بسرعة أكبر من 24 كم/ساعة (15 ميلاً) حتى لا يتسبب ذلك في تلف مجموعة الدفع والحركة.

(تابع)

تنبيه! (تابع)

- قد يترتب على زيادة سرعة المحرك أو تدوير العجلات بسرعة كبيرة إلى ارتفاع درجة حرارة محور النقل أو تعطله. وقد يؤدي ذلك أيضًا إلى تلف الإطارات. لا تقم بتدوير العجلات بسرعة تزيد على 48 كم/ساعة (30 ميلاً/ساعة) أثناء القيادة في ترس (لا يحدث نقل في السرعة).

ملاحظة: اضغط على مفتاح "ESC Off" (إيقاف نظام التحكم في الاستقرار) (إذا لزم الأمر)، لوضع نظام التحكم الإلكتروني في الاستقرار، (ESC) في وضع "Partial Off" (الإيقاف الجزئي)، قبل أرجحة السيارة. راجع "التحكم الإلكتروني في الفرامل" في "البدء والتشغيل" للحصول على مزيد من المعلومات. بمجرد تحرير السيارة، اضغط على مفتاح "ESC Off" (إيقاف التحكم في الاستقرار الإلكتروني) مرة أخرى لاستعادة وضع "ESC On" (تشغيل التحكم في الاستقرار الإلكتروني).

توصيل كابلات التوصيل

1. قم بتوصيل الطرف الموجب **(+)** من كابل التوصيل إلى القطب الموجب **(+)** البعيد من السيارة مفرغة الشحن.
2. قم بتوصيل الطرف المقابل لكابل التوصيل الموجب **(+)** بالقطب الموجب **(+)** لبطارية التعزيز.
3. قم بتوصيل الطرف السالب **(-)** من كابل التوصيل بالقطب السالب **(-)** لبطارية التعزيز.
4. قم بتوصيل الطرف المقابل لكابل التوصيل السالب **(-)** بطرف أرضي جيد للمحرك (بالجزء المعدني المكشوف من محرك السيارة غير المشحونة) بعيدًا عن البطارية ونظام حقن الوقود.

تحذير!

تجنب توصيل كابل التوصيل بالقطب السالب **(-)** للبطارية غير المشحونة. قد يؤدي حدوث شرارة كهربية إلى انفجار البطارية وقد ينجم عن ذلك إصابة شخصية. استخدم نقطة التأريض المعينة فقط، ولا تستخدم أية أجزاء معدنية عارية أخرى.

5. ابدأ تشغيل محرك السيارة الموجود بها البطارية المعززة، واترك المحرك دائرًا في حالة التباطؤ لعدة دقائق، ثم ابدأ تشغيل محرك السيارة الموجود بها البطارية فارغة الشحن.
6. بمجرد بدء تشغيل المحرك، قم بإزالة كابلات التوصيل بالترتيب العكسي:

فصل كابلات التوصيل

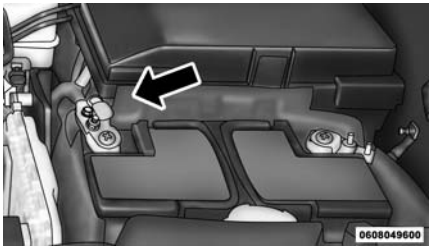
1. افصل طرف كابل التوصيل السالب **(-)** عن الطرف الأرضي لمحرك السيارة الموجود بها البطارية غير المشحونة.
2. افصل الطرف المقابل لكابل التوصيل السالب **(-)** من القطب السالب **(-)** لبطارية التعزيز.
3. افصل طرف كابل التوصيل الموجب **(+)** عن القطب الموجب **(+)** لبطارية التعزيز.
4. افصل الطرف المقابل لكابل التوصيل الموجب **(+)** من القطب الموجب **(+)** للسيارة ذات البطارية مفرغة الشحن.

إذا تطلب الأمر تشغيل البطارية الضعيفة بتوصيلها بسيارة أخرى بشكل متكرر من أجل بدء تشغيل السيارة، فيجب عليك فحص البطارية ونظام الشحن عند الوكيل المعتمد.

تنبيه!

تعمل الملحقات التي يمكن توصيلها بمنافذ الطاقة الكهربية بالسيارة على سحب الطاقة من بطارية السيارة، حتى عند عدم استخدامها (مثل الهواتف الخلوية وما إلى ذلك). وبالتالي، إذا تم توصيلها لفترات طويلة دون تشغيل المحرك، فستؤدي إلى تفريغ شحنة البطارية بدرجة تؤدي إلى تقصير العمر الافتراضي للبطارية و/أو منع المحرك من بدء التشغيل.

ملاحظة: وقطب البطارية الموجب مغطى بغطاء واقي. ارفع الغطاء للتعامل مع قطب البطارية الموجب.



قطب البطارية الموجب

تحذير!

- احرص على الابتعاد عن مروحة التبريد الموجودة في الراديتاتير أثناء رفع غطاء المحرك. فقد تبدأ في العمل في أي وقت طالما كان مفتاح التشغيل مضبوطًا على وضع ON (التشغيل). قد تتعرض للإصابة عند تحريك شفرات المروحة.

(تابع)

تحذير! (تابع)

- لا ترتدِ أية مجوهرات معدنية مثل سلاسل الخواتم والساعات والأساور، والتي قد تؤدي إلى حدوث تلامس كهربي غير مقصود. قد تتعرض لإصابة خطيرة.
- تحتوي البطاريات على حمض كبريتي يمكن أن يؤدي إلى إحراق البشرة أو العينين، كما أنها تولد غاز الهيدروجين القابل للاشتعال وسريع الانفجار. احرص على إبعاد اللهب أو أي مصدر للشرر عن البطارية.

1. اضبط فرامل التوقف وبدل ناقل الحركة الأوتوماتيكي إلى وضع PARK (التوقف) (ناقل الحركة اليدوي في وضع NEUTRAL (اللاتعشيق))، ثم أدر مفتاح التشغيل إلى وضع LOCK (القفل).
2. أوقف تشغيل جهاز التدفئة والراديو وجميع الملحقات الكهربية غير الضرورية.
3. إذا كنت تستخدم سيارة أخرى لبدء التشغيل بالتوصيل ببطارية أخرى، فقم بإيقاف السيارة ضمن نطاق كابلات التوصيل واضبط فرامل التوقف، وتأكد من ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل).

تحذير!

لا تسمح بتلامس السيارتين مع بعضهما البعض حيث قد ينتج من ذلك حدوث اتصال أرضي وقد يترتب على ذلك حدوث إصابات.

إجراء تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى

تحذير!

قد يؤدي الإخفاق في اتباع إجراء تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى إلى الإصابة الشخصية أو تلف الممتلكات بسبب انفجار البطارية.

تنبيه!

وقد يؤدي الإخفاق في اتباع هذه الإجراءات إلى حدوث تلف بنظام الشحن بالسيارة المعززة أو السيارة مفرغة الشحن.

تركيب إطار الطريق

1. قم بتركيب إطار الطريق على محور الدوران.
2. قم بتركيب مسامير العجلات المتبقية مع توجيه الطرف اللولبي للمسمار ناحية العجلة. أحكم ربط مسامير العجلات قليلاً.

تحذير!

لكي تتجنب مخاطر انزلاق السيارة عن الرافعة، لا تحكم ربط صواميل العجلات تمامًا حتى تخفض السيارة عن الرافعة. ويترتب على عدم اتباع هذا التحذير التعرض لإصابة شخصية.

3. اخفض السيارة بواسطة لف المسمار اللولبي الخاص بالرافعة عكس عقارب الساعة.
4. قم بإتمام إحكام مسامير العجلات. اضغط على مفتاح الربط للأسفل بينما تتم زيادة الرفع عند طرف المقبض. أحكم ربط مسامير العجلات على شكل نجمة بحيث يتم إحكام ربط كل مسمار مرتين. راجع "مواصفات العزم" في هذا الفصل لمعرفة العزم المناسب لمسمار العجلة. إذا لم تكن متأكدًا من إحكام ربط الصواميل بشكل صحيح، فيمكنك فحصها باستخدام مفتاح ربط ذي قوة عزم مناسبة والمتوفر لدى وكيلك المعتمد أو في محطات الصيانة.
5. اخفض الرافعة حتى يتم تحريرها. أزل الحواجز الموجودة تحت العجلات. أعد تركيب مفتاح ربط الصواميل بمجموعة الرافعة وقم بتخزينه في منطقة الإطار الاحتياطي. ثبت المجموعة بالوسائل المزودة. قم بتحرير فرامل التوقف قبل قيادة السيارة.
6. بعد مرور 40 كم (25 ميلاً) افحص عزم مسمار العجلات باستخدام مفتاح ربط للتأكد من أن جميع مسامير العجلات مثبتة بشكل صحيح في العجلات.

إجراءات تشغيل سيارة ذات بطارية ضعيفة

إذا كانت السيارة تحتوي على بطارية غير مشحونة، فيمكن تشغيلها بتوصيلها بسيارة أخرى باستخدام كابلات التوصيل وبطارية في سيارة أخرى أو باستخدام حزمة محمولة لتعزيز البطارية. يمكن أن يكون تشغيل سيارة ذات بطارية ضعيفة بتوصيلها بسيارة أخرى أمرًا خطيرًا إذا تم تنفيذه بشكل غير صحيح، لذا يرجى اتباع الإجراءات الواردة في هذا القسم بعناية تامة.

ملاحظة: وعند استخدام حزمة محمولة لتعزيز البطارية، اتبع الاحتياطات وإرشادات التشغيل الخاصة بالجهة المصنعة.

تنبيه!

لا تستخدم الحزمة المحمولة لتعزيز البطارية أو أي مصدر تعزيز آخر مع فولتية للنظام تزيد عن 12 فولت، وإلا فقد تتلف البطارية أو موتور جهاز بدء التشغيل أو مولد التيار المتردد أو النظام الكهربي.

تحذير!

لا تحاول تشغيل السيارة ذات البطارية الضعيفة بتوصيلها بسيارة أخرى إذا كانت البطارية قد وصلت لدرجة حرارة التجمد. فقد تتمزق أو تنفجر وتؤدي إلى حدوث إصابات شخصية.

تجهيزات بدء التشغيل بالتوصيل ببطارية أخرى

توجد بطارية السيارة في الجزء الأمامي من غرفة المحرك خلف مجموعة المصباح الأمامي الأيسر.

ملاحظة:

- **بالنسبة للسيارات المزودة بذلك، لا تحاول تركيب غطاء مركزي أو غطاء عجلة على الإطار الاحتياطي الصغير.**
- **راجع "الإطار الاحتياطي الصغير" وراجع "الإطار الاحتياطي محدود الاستخدام" ضمن "الإطارات - معلومات عامة" في "البدء والتشغيل" للاطلاع على مزيد من التحذيرات والتنبيهات والمعلومات حول الإطار الاحتياطي واستخدامه وتشغيله.**

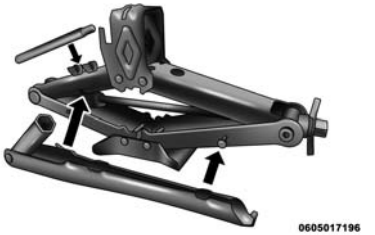
9. قم بتركيب مسامير العجلات مع توجيه الطرف اللولبي ناحية العجلة. أحكم ربط مسامير العجلات قليلاً.

تحذير!

لكي تتجنب مخاطر انزلاق السيارة عن الرافعة، لا تحكم ربط مسامير العجلات تمامًا حتى تخفض السيارة عن الرافعة. ويترتب على عدم اتباع هذا التحذير التعرض لإصابة شخصية.

10. اخفض السيارة بواسطة لف المسمار اللولبي الخاص بالرافعة عكس عقارب الساعة.

11. قم بإتمام إحكام مسامير العجلات. اضغط على مفتاح الربط للأسفل بينما تتم زيادة الرفع عند طرف المقبض. أحكم ربط مسامير العجلات على شكل نجمة بحيث يتم إحكام ربط كل مسمار مرتين. راجع "مواصفات العزم" في هذا الفصل لمعرفة العزم المناسب لمسمار العجلة. إذا لم تكن متأكدًا من إحكام ربط الصواميل، فيمكنك فحصها باستخدام مفتاح ربط ذي قوة عزم مناسبة والمتوفر لدى وكيلك أو في محطات الصيانة.



الرافعة المجمعة

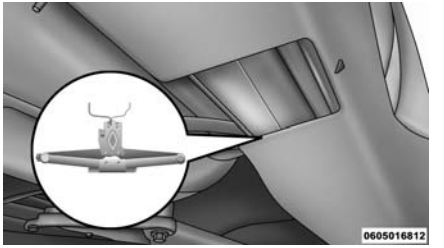
12. قم بتخزين الرافعة والأدوات والحواجز والإطار المفرغ من الهواء.

تخزين الإطار والرافعة والحاجز

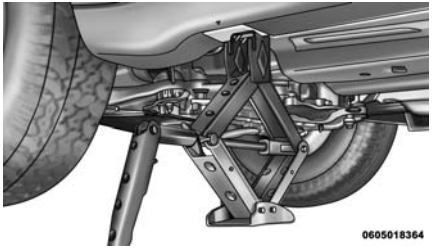
تحذير!

فقد يترتب على اندفاع الإطار أو الرافعة غير المثبت بإحكام داخل السيارة عند التعرض لحادث اصطدام أو بسبب التوقف المفاجئ، تعرض حياة الركاب الموجودين داخل السيارة للخطر. احرص دومًا على وضع أجزاء الرافعة والإطار الاحتياطي في الأماكن المخصصة لذلك. قم بإصلاح أو استبدال الإطار على الفور.

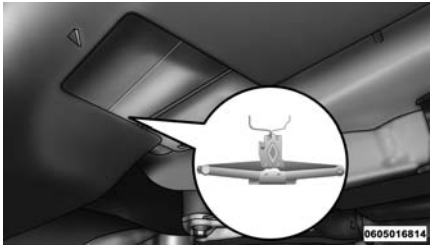
(تابع)



نقطة اتصال الرفع الخلفي



موقع الرفع الأمامي



اتصال نقطة الرفع الأمامي

5. ارفع السيارة بما يكفي فقط لفك الإطار الفارغ.

تحذير!

فقد يؤدي ارتفاع السيارة إلى مستوى أعلى من المطلوب إلى التأثير سلبيًا على استقرار السيارة. فقد تنزلق السيارة من فوق الرافعة فجأة وتصيب من يقف بجوارها. ارفع السيارة بما يكفي فقط لفك الإطار.

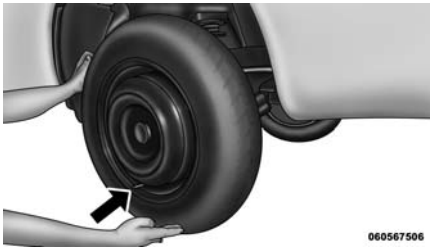
6. قم بإزالة مسامير العجلات والإطار.

7. قم بإزالة سن المحاذاة من مجموعة الرافعة وقم بإدخال السن في محور العجلة للمساعدة في تركيب الإطار الاحتياطي.

8. قم بتركيب الإطار الاحتياطي.

تنبيه!

تأكد من تركيب الإطار الاحتياطي وساق الصمام مواجه للخارج. قد يلحق التلف بالسيارة في حالة تركيب الإطار الاحتياطي بطريقة غير صحيحة.



تركيب الإطار الاحتياطي

تحذير! (تابع)

- استخدم الرافعة في المواضع المشار إليها فقط ولرفع هذه السيارة أثناء تغيير إطار.
- عند العمل على طريق سيارات أو بالقرب منه، كن حذرًا للغاية من السيارات المارة.
- للتأكد من تخزين الإطارات الاحتياطية المفرغة أو المنتفخة بشكل محكم، يجب تخزين الإطارات الاحتياطية بحيث يتجه ساق الصمام إلى الأرض.

ملصق تحذير الرافعة

تنبيه!

لا تحاول رفع السيارة بوضع الرافعة في مواقع غير تلك الموضحة في تعليمات وضع الرافعة لهذه السيارة.

1. قم بإزالة الإطار الاحتياطي والرافعة ومفتاح ربط مسامير العجلة.
2. إذا كانت سيارتك مزودة بعجلات من الألومنيوم حيث الغطاء المركزي يغطي مسامير العجلات، فاستخدم مفتاح ربط مسامير العجلة لرفع الغطاء المركزي بحرص قبل رفع السيارة.
3. قبل رفع السيارة، استخدم مفتاح ربط مسامير العجلة لفك وليس لإزالة مسمار العجلة الموجودة في الإطار المفرغ من الهواء. قم بلف مسامير العجلات لفة واحدة في عكس اتجاه عقارب الساعة أثناء وجود العجلة على الأرض.
4. ضع الرافعة أسفل منطقة الرفع الأقرب إلى الإطار المفرغ من الهواء. قم بلف برغي الرافعة في اتجاه عقارب الساعة لكي تعشق دعامة مهد الرافعة مع منطقة الرفع بعتبة الباب، توسيط دعامة مهد الرافعة داخل الفتحة الموجودة في التغليف العتبة.

مواقع الرفع

موقع الرفع الخلفي

تحذير!

فقد يترتب على اندفاع الإطار أو الرافعة غير المثبت بإحكام داخل السيارة عند التعرض لحادث اصطدام أو بسبب التوقف المفاجئ، تعرض حياة الركاب الموجودين داخل السيارة للخطر. احرص دومًا على وضع أجزاء الرافعة والإطار الاحتياطي في الأماكن المخصصة لذلك. قم بإصلاح أو استبدال الإطار على الفور.

التحضير لرفع السيارة

1. قم بإيقاف السيارة على سطح مستو وصلب بعيدًا عن حافة الطريق قدر الإمكان. تجنب المناطق الثلجية أو الزلقة.

تحذير!

لا تحاول تغيير الإطار بجانب السيارة بالقرب من حركة المرور، قد سيارتك بعيدًا عن الطريق بدرجة كافية لتفادى التعرض للدهس عند استخدامك للرافعة أو أثناء تغيير العجلة.

2. شغّل وامضات التحذير من الخطر.
3. قم بتعشيق فرامل التوقف.
4. ضع ذراع النقل في وضع PARK (التوقف) (ناقل الحركة الأوتوماتيكي) أو وضع REVERSE (الرجوع إلى الخلف) (ناقل الحركة اليدوي).
5. ضع مفتاح التشغيل في وضع LOCK (القفل).
6. ضع حواجز أمام مقدمة ومؤخرة العجلة المقابلة لموضع الرفع. مثلاً إذا أردت تغيير الإطار الأمامي الأيمن ضع الحواجز أمام العجلة الخلفية اليسرى.

ملاحظة: يجب خروج الركاب من السيارة عند رفعها.

تعليمات الرفع

تحذير!

اتبع تحذيرات تغيير الإطارات هذه للمساعدة في منع الإصابة البدنية أو تلف السيارة:

- قم دائمًا بإيقاف السيارة على سطح مستو وصلب بعيدًا عن حافة الطريق قدر الإمكان قبل رفع السيارة.
- شغّل وامضات التحذير من الخطر.
- قم بوضع حاجز خلف العجلة المقابلة قطريًا للعجلة التي سيتم رفعها.
- أحكم تعشيق فرامل التوقف وضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف).
- لا تقم بتشغيل السيارة أو تدوير المحرك أثناء وجود السيارة على الرافعة.
- لا تدع أي شخص يجلس داخل السيارة عندما تكون على رافعة.
- لا تدخل تحت السيارة عندما تكون على رافعة. وإذا كنت مضطرًا للدخول تحت سيارة مرفوعة، فخذ السيارة إلى مركز صيانة لرفعها على رافعة خاصة بذلك.

(تابع)

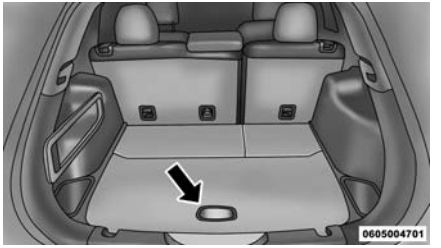
تحذير! (تابع)

- لا تشرع في تشغيل السيارة أو تدوير المحرك أثناء وجود السيارة على الرافعة.
- لقد تم تصميم الرافعة للاستخدام كأداة لتغيير الإطارات فقط. ويجب عدم استخدامها لرفع السيارة للقيام بخدمات الصيانة. يجب رفع السيارة على سطح ثابت ومستو. تجنب الأسطح المغطاة بالجليد أو الزلقة.

موقع الرافعة/تخزين الإطار الاحتياطي

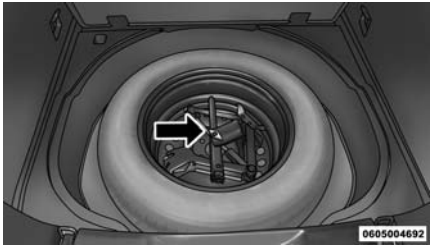
يتم تخزين الرافعة وحواجز العجلات والإطار الاحتياطي اسفل أرضية الحمولة خلف المقعد الخلفي.

1. افتح باب المؤخرة.
2. ارفع غطاء الوصول باستخدام مقبض أرضية الحمولة.



مقبض أرضية الحمولة

3. قم بإزالة أداة التثبيت المثبتة للرافعة والإطار الاحتياطي.



أداة تثبيت الرافعة والإطار الاحتياطي

4. قم بإزالة الحواجز.
5. أزل الرافعة المقصية ومفتاح مسمار العجلة من العجلة الاحتياطية كمجموعة واحدة. قم بلف برغي الرافعة إلى اليسار لفك مفتاح مسمار العجلة وأخرج مفتاح الربط من مجموعة الرافعة.

مجموعة الرافعة والأدوات

ملاحظة: يتصل مقبض الرافعة بجانب الرافعة باستخدام نقطتي اتصال. عند إطالة الرافعة جزئيًا، فإن الضغط بين نقطتي الاتصال يحتفظ بمقبض الرافعة في مكانه.

6. قم بإزالة الإطار الاحتياطي.

ملاحظة:
في حالة النفخ الزائد للإطار، اضغط على زر تفريغ الهواء من الإطار لتقليل ضغط الإطار إلى الضغط المُوصى به قبل المتابعة.

2. افصل عدة لحام الإطار من ساق الصمام، ثم أعد تركيب الغطاء على ساق الصمام وافصل مقبس الطاقة من مأخذ الطاقة 12 فولت.
3. ضع عدة لحام الإطار في منطقة التخزين المناسبة بالسيارة.
4. قم بفحص الإطار وإصلاحه في أقرب فرصة لدي الوكيل المعتمد أو مركز صيانة إطارات.
5. أزل ملصق حد السرعة من لوحة أجهزة القياس بعد إصلاح الإطار.
6. استبدل عبوة مادة منع التسرب (1) ومجموعة خرطوم مادة منع التسرب (6) عند أقرب وكيل معتمد في أقرب وقت ممكن. راجع القسم (و) "استبدال عبوة وخرطوم مادة منع التسرب".

ملاحظة: عند صيانة الإطار، أخبر الوكيل المعتمد أو مركز الصيانة بأن الإطار قم تم لحامه باستخدام عدة لحام الإطار.

(و) استبدال عبوة وخرطوم مادة منع التسرب:

1. قم بفك خرطوم مادة منع التسرب (6) (شفاف اللون).
2. تعرف على موضع زر تحرير عبوة مادة منع التسرب في المنطقة المجوفة أسفل عبوة مادة منع التسرب.
3. زر تحرير عبوة مادة منع التسرب. تتحرر عبوة مادة منع التسرب 1 وتظهر أمامك. قم بإخراج العبوة وتخلص منها بشكل مناسب.
4. نظف أية بقايا لمادة منع التسرب على مبيت عدة لحام الإطار.
5. ضع عبوة مادة منع التسرب الجديدة (1) على المبيت بحيث تتم محاذاة خرطوم مادة منع التسرب (6) مع فتحة الخرطوم في الجزء الأمامي للمبيت. اضغط على العبوة إلى داخل المبيت. ستسمع صوتًا يشير إلى استقرار العبوة في موضعها.
6. تحقق من تركيب الغطاء في التركيبة الموجودة على طرف خرطوم مادة منع التسرب الشفاف (6) وأعد الخرطوم إلى منطقة التخزين الخاصة به (تعرف على موضعها في أسفل مضخة الهواء).
7. أعد عدة لحام الإطار إلى موضع التخزين بالسيارة.

رفع السيارة وتغيير الإطارات

تحذير!
- لا تحاول تغيير الإطار في الجانب القريب من حركة المرور. أوقف سيارتك بعيدًا عن الطريق لكي تتفادى التعرض للدهس عند استخدامك للرافعة أو أثناء تغيير الإطار.
- يعد وجودك أسفل إحدى السيارات المرفوعة بواسطة رافعة شيئًا خطيرًا حقًا. فقد تنزلق السيارة عن الرافعة وتسقط عليك. وقد تسحقك السيارة. لا تدخل أي جزء من جسمك تحت سيارة مرفوعة على رافعة. وإذا كنت مضطرًا للدخول تحت سيارة مرفوعة، فخذ السيارة إلى مركز صيانة لرفعها على رافعة خاصة بذلك.

(تابع)

3. افصل خرطوم مادة منع التسرب (6) من ساق الصمام على الفور، وأعد تركيب الغطاء على التركيبة الموجودة بطرف الخرطوم وضع عدة لحام الإطار في مكان تخزين السيارة. تابع التقدم سريعًا إلى قسم (د) "قيادة السيارة".

تنبيه!

- قد يصبح الطرف المعدني الخارج من مقبس الطاقة (8) ساخنًا بعد الاستخدام، لذا يجب تناوله بحرص.
- قد ينتج عن الفشل في تركيب الغطاء على التركيبة الموجودة على طرف خرطوم مادة منع التسرب (6) ملامسة مادة منع التسرب لجلدك أو لملابسك أو للأجزاء الداخلية من السيارة. وقد يؤدي ذلك أيضًا إلى ملامسة مانع التسرب للمكونات الداخلية لعدة لحام الإطار وهو الأمر الذي يتسبب في تلف دائم بعدة لحام الإطار.

(د) قيادة السيارة:

بعد إدخال مادة منع التسرب ونفخ الإطار، قم على الفور بقيادة السيارة لمسافة 8 كم (5 أميال) أو 10 دقائق لضمان توزيع مادة منع تسرب الإطار داخل الإطار. لا تتجاوز سرعة 90 كم/ساعة (55 ميلاً/الساعة).

تحذير!

إن عدة لحام الإطار لا تعتبر إصلاحًا دائمًا للإطار المفرغ من الهواء. افحص الإطار وقم بإصلاحه أو استبداله بعد استخدام عدة لحام الإطار. لا تتجاوز سرعة 90 كم/ساعة (55 ميلاً/الساعة) حتى يتم إصلاح الإطار أو استبداله. إن عدم اتباع هذا التحذير قد ينجم عنه إصابات خطيرة أو مميتة لك وللركاب ومن هو بالقرب منك.

(هـ) بعد القيادة:

قد السيارة إلى مكان آمن. راجع "عند التوقف لاستخدام عدة لحام الإطار" قبل المتابعة.

1. اضغط على مقبض تحديد الوضع (5) وأدره إلى وضع الهواء.
2. قم بفك مقبس الطاقة وأدخل المقبس في مأخذ الطاقة بجهد 12 فولت بالسيارة.
3. قم بفك خرطوم مضخة الهواء (7) (أسود اللون) وفك التجهيزات في نهاية الخرطوم (7) في ساق الصمام.
4. تحقق من الضغط في الإطار عن طريق قراءة عداد الضغط (3).

إذا كان ضغط الإطار أقل من 1.3 بار (19 رطلاً لكل بوصة مربعة):

فيعني هذا أن الإطار تالفٌ بدرجة كبيرة جدًا. لا تحاول قيادة السيارة لأي مسافة أخرى. اتصل لطلب المساعدة.

إذا كان الضغط 1.3 بار (19 رطلاً لكل بوصة مربعة) أو أعلى:

1. اضغط على زر الطاقة (4) لتشغيل عدة لحام الإطار وانفخ الإطار إلى مستوى الضغط المشار إليه على ملصق معلومات الإطار والتحميل على فتحة الباب ناحية السائق.

إذا لم تتدفق مادة منع التسرب (سائل أبيض) خلال 0 إلى 10 ثوان عبر خرطوم مادة منع التسرب (6):

1. اضغط على زر الطاقة (4) لإيقاف تشغيل عدة لحام الإطار. افصل خرطوم مادة منع التسرب (6) من ساق الصمام. تأكد من خلو ساق الصمام من الأوساخ. أعد توصيل خرطوم مادة منع التسرب (6) بساق الصمام. تحقق من أن مقبض تحديد الوضع (5) في وضع مادة منع التسرب وليس في وضع الهواء. اضغط على زر الطاقة (4) لتشغيل عدة لحام الإطار.
2. قم بتوصيل مقبس الطاقة (8) بمأخذ طاقة مختلف بجهد 12 فولت بسيارتك أو بسيارة أخرى، إذا توفر ذلك. تأكد من تشغيل المحرك قبل تشغيل عدة لحام الإطار.
3. قد تكون عبوة مادة منع التسرب 1 فارغة بسبب استخدامها مسبقًا. اتصل لطلب المساعدة.

ملاحظة: إذا كان مقبض تحديد الوضع (5) في وضع الهواء والمضخة قيد للتشغيل، فسوف يتدفق الهواء من خرطوم مضخة الهواء (7) فقط، وليس خرطوم مادة منع التسرب (6).

إذا لم تتدفق مادة منع التسرب (سائل أبيض) عبر خرطوم مادة منع التسرب (6):

1. فاستمر في تشغيل المضخة حتى يتوقف تدفق مادة منع التسرب من الخرطوم (يستغرق هذا 30 - 70 ثانية بشكل نموذجي). وأثناء تدفق مادة منع التسرب من خرطوم مادة منع التسرب (6)، يمكن أن يشير مقياس الضغط (3) إلى قراءة عالية تصل إلى 4.8 بار (70 رطل لكل بوصة مربعة). وتنخفض قراءة مقياس الضغط (3) بسرعة من حوالي 4.8 بار (70 رطلاً لكل بوصة مربعة) إلى الضغط الحقيقي للإطار عندما تصبح عبوة مادة منع التسرب (1) فارغة.
2. ستبدأ المضخة في حقن الهواء في الإطار مباشرة بعد فراغ عبوة مادة منع التسرب (1). تابع تشغيل المضخة وانفخ الإطار إلى مستوى الضغط المشار إليه على ملصق ضغط الإطار على عمود مزلاج جانب السائق (الضغط المُوصى به). تحقق من الضغط بالنظر إلى عداد الضغط (3).

إذا لم يتم نفخ الإطار إلى ضغط 1.8 بار (26 رطلاً في البوصة المربعة) على الأقل في غضون 15 دقيقة:

- فيعني هذا أن الإطار تالفٌ بدرجة كبيرة جدًا. لا تحاول قيادة السيارة لأي مسافة أخرى. اتصل لطلب المساعدة.

ملاحظة: في حالة النفخ الزائد للإطار، اضغط على زر تفريغ الهواء من الإطار لتقليل ضغط الإطار إلى الضغط المُوصى به قبل المتابعة.

إذا تم نفخ الإطار إلى الضغط المُوصى به أو ضغط 1.8 بار (26 رطلاً في البوصة المربعة) على الأقل في غضون 15 دقيقة:

1. اضغط على زر الطاقة (4) لإيقاف تشغيل عدة لحام الإطار.
2. قم بإزالة ملصق حد السرعة من الجزء العلوي من عبوة مادة منع التسرب 1 وضع الملصق على لوحة أجهزة القياس.

تحذير! (تابع)

• تحتوي مادة منع تسرب عدة لحام الإطار على اللاتكس. في حالة حدوث رد مرتبط بالحساسية أو حدوث طفح جلدي، استشر الطبيب على الفور. احتفظ بعدة لحام الإطار بعيدًا عن متناول الأطفال. وإذا قمت ببلعه، فاغسل فمك على الفور بماء غزير واشرب مقدارًا كبيرًا من الماء. لا تجبر نفسك على القيء! استشر الطبيب على الفور.

لحام الإطار باستخدام عدة لحام الإطارات

(أ) عند التوقف لاستخدام عدة لحام الإطار:

1. قد السيارة إلى مكان آمن وشغّل وامضات التحذير من الخطر بالسيارة.
2. تأكد من أن ساق الصمام (على العجلة المتضمنة الإطار المفرغ من الهواء) في وضع قريب من الأرض. يسمح ذلك لخرطومي عدة لحام الإطار (6) و(7) بالوصول إلى ساق الصمام والإبقاء على عدة لحام الإطار في وضع مسطح على الأرض. يوفر ذلك أفضل وضع لعدة لحام الإطار عند حقن مادة منع التسرب في الإطار المفرغ من الهواء وتشغيل مضخة الهواء. حرك السيارة إذا لزم الأمر لوضع ساق الصمام في هذا الوضع قبل التقدم.
3. ضع ناقل الحركة في وضع PARK (التوقف) (ناقل الحركة الأوتوماتيكي) أو قم بتعشيقه (ناقل الحركة اليدوي) وأوقف تشغيل المحرك.
4. قم بتعشيق فرامل التوقف.

(ب) التجهيز لاستخدام عدة لحام الإطار:

1. اضغط على مقبض تحديد الوضع (5) وأدره إلى وضع مادة منع التسرب.
2. قم بفك خرطوم مادة منع التسرب (6)، ثم قم بإزالة الغطاء من التركيبة الموجودة عند طرف الخرطوم.
3. ضع عدة لحام الإطار بشكل مسطح على الأرض بجوار الإطار المفرغ من الهواء.
4. قم بإزالة الغطاء من عمود الصمام، ثم قم بلف التركيبة الموجودة عند طرف خرطوم مادة منع التسرب (6) في عمود الصمام.
5. قم بفك مقبس (8) ثم قم بإدخال المقبس في مأخذ الطاقة بجهد 12 فولت بالسيارة.

ملاحظة: لا تقم بإزالة أية مواد خارجية (مثل المسامير) من الإطار.

(ج) حقن مادة منع التسرب بعدة لحام الإطار في الإطار المفرغ من الهواء:

• ابدأ تشغيل المحرك دائمًا قبل تشغيل عدة لحام الإطار.

ملاحظة:
يجب أن تكون فرامل التوقف وذراع النقل في وضع NEUTRAL (اللاتعشيق) في سيارات ناقل الحركة اليدوي.

• بعد ضغط زر الطاقة (4)، تبدأ مادة منع التسرب (سائل أبيض) في التدفق من عبوة منع التسرب (1) عبر خرطوم مادة منع التسرب (6) إلى الإطار.

ملاحظة: قد تتسرب مادة منع التسرب عبر الثقب الموجود في الإطار.

- للحصول على أفضل أداء، تأكد من خلو ساق الصمام على العجلة من الأوساخ قبل توصيل عدة لحام الإطار.
- يمكنك استخدام مضخة الهواء بعدة لحام الإطار لنفخ إطارات دراجة. تأتي العدة محتوية أيضًا على إبرتين داخل حجرة التخزين الملحقة (في الجزء السفلي من مضخة الهواء) لنفخ الكرات الرياضية وألواح التزلج المطاطية والأشياء المشابهة القابلة للنفخ. ولكن استخدم خرطوم مضخة الهواء (7) فقط وتأكد من وجود مقبض تحديد الوضع (5)في وضع الهواء عند نفخ مثل هذه الأشياء وذلك لتجنب حقن مادة منع التسرب بها. إن مادة منع التسرب في عدة لحام الإطار مصممة فقط لسد الثقوب الصغيرة التي يبلغ قطرها 6 مم (¼ بوصة) في مداسات الإطارات بهذه السيارة.
- لا ترفع عدة لحام الإطار أو تحملها من خلال الخراطيم.

تحذير!

- لا تحاول سد ثقوب الإطار في الجانب القريب من حركة المرور. أوقف سيارتك بعيدًا عن الطريق لكي تتفادى التعرض للدهس عند استخدامك عدة لحام الإطار.
- لا تستخدم عدة لحام الإطار أو تقوم بقيادة السيارة في الظروف التالية:
- إذا كانت مساحة الثقب في مداس الإطار 6 مم (1/4 بوصة) أو أكبر.
- إذا كان هناك تلف بالجدار الجانبي للإطار.
- إذا كان الإطار يتضمن أي تلف كنتيجة للقيادة مع الانخفاض الحاد في ضغط الإطار.
- إذا كان الإطار يتضمن أي تلف كنتيجة للقيادة في ظل فراغ الإطار من الهواء.
- إذا كان هناك تلف بالعجلة.
- إذا لم تكن متأكدًا من حالة الإطار أو العجلة.
- احتفظ بعدة لحام الإطار بعيدة عن اللهب أو مصادر الحرارة.

(تابع)

تحذير! (تابع)

- قد يترتب على اندفاع عدة لحام الإطار غير المثبتة بإحكام عند التعرض لحادث اصطدام أو بسبب التوقف المفاجئ تعرض حياة الركاب الموجودين داخل السيارة للخطر. قم دائمًا بتخزين عدة لحام الإطار في المكان المخصص لها. إن عدم اتباع هذه التحذيرات قد ينجم عنه إصابات خطيرة أو مميتة لك وللركاب ومن هو بالقرب منك.
- احرص على عدم ملامسة مكونات عدة لحام الإطار للشعر أو العينين أو الملابس. تعتبر عدة لحام الإطار ضارة عند استنشاقها أو بلعها أو امتصاصها بواسطة الجلد. فهي تتسبب في تهيُج الجلد والعينين والجهاز التنفسي. قم بالغسل بماء غزير إذا لامست العينين أو الجلد. قم بتغيير الملابس بأسرع ما يمكن إذا لامست الملابس.

(تابع)

استخدام مقبض تحديد الوضع والخراطيم

قد تكون عدة لحام الإطار لديك مزودة بالرموز التالية للإشارة إلى وضع الهواء أو مادة مانع التسرب.

تحديد وضع الهواء

اضغط على مقبض تحديد الوضع (5) وأدره إلى هذا الوضع لتشغيل مضخة الهواء فقط. استخدم خرطوم مضخة الهواء الأسود (7) عند تحديد هذا الوضع.

تحديد وضع مادة مانع التسرب

اضغط على مقبض تحديد الوضع (5) وأدره إلى هذا الوضع لحقن مادة منع تسرب لحام الإطار ولنفخ الإطار. استخدم خرطوم مادة منع التسرب (الخرطوم الشفاف) (6) عند تحديد هذا الوضع.

استخدام زر الطاقة

اضغط على زر الطاقة (4) مرة واحدة وحرره لتشغيل عدة لحام الإطار. اضغط على زر الطاقة (4) مرة أخرى وحرره لإيقاف تشغيل عدة لحام الإطار.

استخدام زر تفريغ الهواء من الإطار

اضغط على زر تفريغ الهواء (2) لتقليل ضغط الهواء في الإطار في حالة النفخ الزائد.

احتياطات استخدام عدة لحام الإطار

- استبدل عبوة مادة منع التسرب (1) في عدة لحام الإطار وخرطوم مادة منع التسرب (6) قبل تاريخ انتهاء الصلاحية (المطبوع في الزاوية السفلية اليسرى على ملصق العبوة) لضمان أفضل تشغيل للنظام. راجع القسم (و) "لحام الإطار باستخدام عدة لحام الإطار" و"استبدال عبوة وخرطوم مادة منع التسرب".

موقع تاريخ انتهاء صلاحية عدة لحام الإطار

- تستخدم عبوة مادة منع التسرب (1) وخرطوم مادة منع التسرب (6) للحام إطار واحد فقط وبحاجة للاستبدال بعد كل استخدام. قم باستبدال هذه المكونات دائمًا لدى الوكيل الأصلي لمعدات السيارة على الفور.
- إذا كانت مادة منع التسرب بعدة لحام الإطار سائلاً، فيمكن إزالته من السيارة أو الإطار ومكونات العجلة باستخدام ماء نظيف وقطعة قماش مبللة. عندما تجف مادة منع التسرب، يمكن تقشيرها بسهولة والتخلص منها بشكل مناسب.

عدة لحام الإطار - إذا كانت السيارة مزودة بذلك

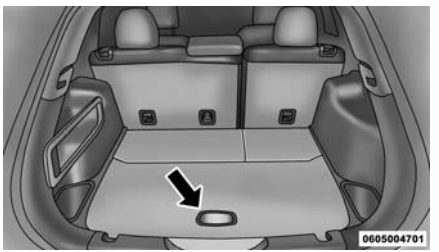
يمكن إصلاح الثقوب الصغيرة حتى 6 مم (¼ بوصة) الموجودة في مداس الإطار عن طريق استخدام عدة لحام الإطار. يجب عدم إزالة الأشياء الخارجية (مثل البراغي أو المسامير) من الإطار. يمكن استخدام عدة لحام الإطار في درجات الحرارة الخارجية والتي تصل إلى أقل من 20- درجة مئوية (4- درجات فهرنهايت) تقريبًا.

ستوفر هذه العدة لحامًا مؤقتًا للإطار، مما يمكنك من قيادة السيارة لمسافة 160 كم (100 ميل) بسرعة أقصاها 90 كم/ساعة (55 ميلاً/الساعة).

تخزين عدة لحام الإطار

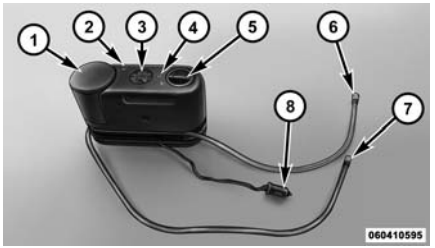
يتم تخزين عدة لحام الإطار أسفل أرضية الحمولة خلف المقعد الخلفي.

1. افتح باب المؤخرة.
2. ارفع غطاء الوصول باستخدام مقبض أرضية الحمولة.



مقبض أرضية الحمولة

مكونات عدة لحام الإطار والتشغيل



مكونات عدة لحام الإطار

1 — عبوة مادة منع التسرب
2 — زر تفريغ الهواء من الإطار
3 — مقياس الضغط
4 — زر الطاقة
5 — مقبض تحديد الوضع
6 — خرطوم سدادة لحام الإطار (شفاف)
7 — خرطوم مضخة الهواء (أسود)
8 — مقبس الطاقة (الموجود على الجانب السفلي من عدة لحام الإطار)

مواصفات عزم العجلة والإطار

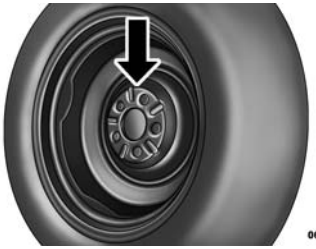
يعد العزم الصحيح لربط صامولة/مسمار العجلة ضروريًا جدًا لضمان تركيب العجلة في السيارة بشكل صحيح. وفي حالة إزالة عجلة السيارة وإعادة تركيبها في أي وقت يجب تطبيق العزم على صامولة/مسمار العجلة باستخدام مفتاح ربط تمت معايرته بشكل صحيح.

مواصفات العزم

عزم ربط صامولة/مسمار العجلة	**حجم صامولة/ مسمار العجلة	حجم مقبس صامولة/ مسمار العجلة
135 نيوتن·متر (100 قدم-رطل)	M12 × 1.25	19 مم

**استخدم صواميل/مسامير العجلات المُوصى بها من قِبل Chrysler فقط وقم بتنظيف أي اتساخ أو زيت أو إزالته قبل إحكام الربط.

افحص سطح تركيب العجلة قبل تركيب الإطار وقم بإزالة أي تآكل أو أجزاء مقطوعة.



سطح تركيب العجلة

أحكم ربط صواميل/مسامير العجلات على شكل نجمة بحيث يتم إحكام ربط كل صامولة/مسمار مرتين.

أنماط العزم

بعد مرور 40 كم (25 ميلاً) افحص عزم صواميل/مسامير العجلات للتأكد من أن جميع صواميل/مسامير العجلات مثبتة بشكل صحيح في العجلات.

تحذير!

لكي تتجنب مخاطر انزلاق السيارة عن الرافعة، لا تحكم ربط صواميل العجلات تمامًا حتى تخفض السيارة عن الرافعة. ويترتب على عدم اتباع هذا التحذير التعرض لإصابة شخصية.

(تابع)

وامضات التحذير من الخطر

يوجد مفتاح وامض التحذير من الخطر في مجموعة المفاتيح أسفل شاشة الراديو.

اضغط على المفتاح لتشغيل وامض التحذير من الخطر. عند تنشيط المفتاح، ستومض جميع إشارات الانعطاف لتحذير السيارات القادمة من وجود حالة طارئة. اضغط على المفتاح مرة ثانية لإيقاف تشغيل وامضات التحذير من الخطر.

لا تستعمل هذه الإشارة الضوئية أثناء سير السيارة لأنها للتحذير في حالات الخطر. استعملها عندما تكون سيارتك معطلة على الطريق وتشكل خطرًا على سلامة السائقين الآخرين.

إذا كان من الضروري ترك السيارة لطلب المساعدة، فسوف تستمر وامضات التحذير من الخطر بالعمل حتى بعد تحريك قرص التشغيل إلى وضع OFF (إيقاف التشغيل).

ملاحظة: إن استخدام وامضات التحذير من الخطر لمدة طويلة قد يضعف البطارية.

في حالة ارتفاع درجة حرارة المحرك بشكل زائد عن الحد

في أي من الحالات التالية يمكنك تقليل إمكانية ارتفاع درجة حرارة المحرك باتباع خطوات وقائية مناسبة.

- في الطرق السريعة - قلل السرعة.
- داخل المدينة - عند توقف السيارة ضع ناقل الحركة في ترس NEUTRAL (اللاتعشيق) ولكن لا ترفع سرعة تباطؤ المحرك.

تنبيه!

قد تؤدي قيادة السيارة عندما يكون نظام تبريد المحرك ساخنًا إلى تلف السيارة. إذا كان جهاز قياس درجة الحرارة في وضع الحرارة العالية "H"، فيجب التوقف عن القيادة وإيقاف السيارة. أوقف السيارة وأوقف تشغيل جهاز مكيف الهواء حتى يهبط المؤشر إلى النطاق العادي. إذا بقي المؤشر في وضع الحرارة العالية (H) وسمعت طنينًا مستمرًا، فأطفئ المحرك فورًا واتصل بالصيانة.

ملاحظة: هناك خطوات يمكن اتباعها لتقليل ارتفاع حرارة المحرك الوشيك:

- **إذا كان مكيف الهواء لديك قيد التشغيل، فأوقف تشغيله. وذلك لأن نظام مكيف الهواء يُضيف حرارة إلى نظام تبريد المحرك ويساعد إطفاء مكيف الهواء في إزالة هذه الحرارة المضافة.**
- **بإمكانك أيضًا وضع مفتاح التحكم في درجة الحرارة في وضع الحرارة القصوى ووضع مفتاح التحكم بمنافذ الهواء في وضع المنافذ الأرضية ومفتاح التحكم بالمروحة في وضع عال. إن ذلك يتيح لجهاز التدفئة العمل كمساعد للراديتاير للتخلص من الحرارة في نظام تبريد المحرك.**

تحذير!

يمكنك كما يمكن للآخرين التعرض لخطر الاحتراق بواسطة سائل تبريد المحرك (مانع التجمد) أو البخار الساخن المتصاعد من الراديتاير. إذا رأيت أو سمعت صوت الأبخرة المتصاعدة من أسفل غطاء المحرك، فلا تفتح الغطاء حتى يبرد الراديتاير. لا تحاول فتح غطاء ضغط نظام التبريد إذا كان الراديتاير أو غطاء سائل التبريد ساخنين.

(تابع)

- إجراء تشغيل سيارة ذات بطارية ضعيفة بتوصيلها ببطارية أخرى ٣٨٦
- إخراج سيارة عالقة ٣٨٨
- سير الاستخلاص - إذا كانت السيارة مزودة بذلك ٣٨٩
- تجاوز ذراع النقل ٣٩٠
- سحب سيارة معطلة ٣٩٠
  - دون استخدام حافظة المفاتيح ٣٩٢
  - طُرز الدفع الأمامي (FWD) المزودة بناقل الحركة الأوتوماتيكي - باستخدام حافظة المفاتيح ٣٩٢
  - طُرز الدفع الأمامي (FWD) المزودة بناقل الحركة اليدوي - باستخدام حافظة المفاتيح ٣٩٣
  - طُرز الدفع الرباعي (4x4) المزودة بوحدة نقل الطاقة أحادية السرعة - باستخدام حافظة المفاتيح ٣٩٣
  - طُرز الدفع الرباعي (4x4) المزودة بوحدة نقل الطاقة ثنائية السرعة - باستخدام حافظة المفاتيح ٣٩٣

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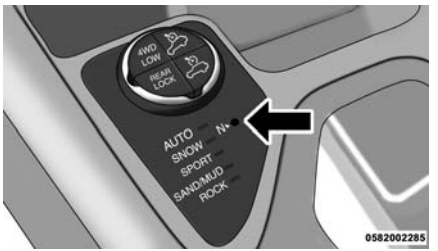
ما يجب أن تفعله في الحالات الطارئة

- وامضات التحذير من الخطر ٣٧١
- في حالة ارتفاع درجة حرارة المحرك بشكل زائد عن الحد ٣٧١
- مواصفات عزم العجلة والإطار ٣٧٢
  - مواصفات العزم ٣٧٢
- عدة لحام الإطار - إذا كانت السيارة مزودة بذلك ٣٧٣
  - تخزين عدة لحام الإطار ٣٧٣
  - مكونات عدة لحام الإطار والتشغيل ٣٧٣
  - احتياطات استخدام عدة لحام الإطار ٣٧٤
  - لحام الإطار باستخدام عدة لحام الإطارات ٣٧٦
- رفع السيارة وتغيير الإطارات ٣٧٩
  - موقع الرافعة/تخزين الإطار الاحتياطي ٣٨٠
  - التحضير لرفع السيارة ٣٨١
  - تعليمات الرفع ٣٨١
  - تركيب إطار الطريق ٣٨٥
- إجراءات تشغيل سيارة ذات بطارية ضعيفة ٣٨٥
  - تجهيزات بدء التشغيل بالتوصيل ببطارية أخرى ٣٨٥

6. باستخدام قلم ذي سن كروي أو أداة مشابهة، اضغط مطولاً على زر N (اللاتعشيق) الغائر في وحدة نقل الطاقة (الموجود بجوار مفتاح التحديد) لمدة ثانية واحدة.



مفتاح اللاتعشيق

7. عند انطفاء مصباح مؤشر وضع N (اللاتعشيق) قم بتحرير زر N (اللاتعشيق).
8. بعد تحرير زر N (اللاتعشيق)، ستنتقل وحدة نقل الطاقة إلى الموضع المحدد بواسطة مفتاح التحديد.

ملاحظة:

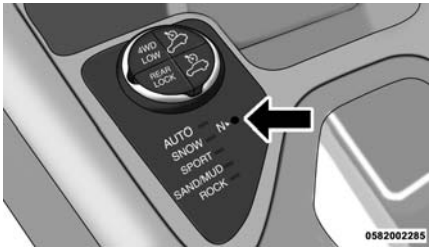
عند نقل وحدة نقل الطاقة خارج وضع N (اللاتعشيق)، ينبغي إيقاف تشغيل المحرك لتجنب اصطدام التروس.

9. قم بتغيير ناقل الحركة إلى ترس PARK (التوقف).
10. حرر دواسة الفرامل.
11. قم بفصل السيارة من سيارة السحب.
12. قم بتشغيل المحرك.
13. اضغط على دواسة الفرامل وحررها.
14. حرر فرامل التوقف.
15. قم بتغيير ناقل الحركة إلى وضع القيادة، وحرر دواسة الفرامل، وتحقق من عمل السيارة بشكل طبيعي.

ملاحظة:

- **الخطوات من 1 إلى 5 هي متطلبات يجب استيفاؤها قبل الضغط على زر N (اللاتعشيق) ويجب الاستمرار في استيفائها حتى اكتمال النقل. في حالة عدم استيفاء أي من هذه المتطلبات قبل الضغط على زر وضع N (اللاتعشيق) أو التوقف عن استيفائها خلال النقل، سيومض مصباح مؤشر N (اللاتعشيق) بشكل مستمر حتى يتم استيفاء جميع المتطلبات أو حتى يتم تحرير زر وضع N (اللاتعشيق).**
- **يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) حتى يتم النقل وحتى يضئ ضوء مؤشر الوضع. إذا لم يكن المفتاح في وضع ON/RUN (التشغيل/الانطلاق) فلن يحدث النقل ولن تضاء أو تومض أية مصابيح مؤشرة للوضع.**
- **يشير مصباح مؤشر موضع N (اللاتعشيق) الوامض إلى أن متطلبات النقل لم يتم استيفاؤها.**

6. باستخدام قلم ذي سن كروي أو أداة مشابهة، اضغط مطولاً على زر N (اللاتعشيق) الغائر (الموجود بجوار مفتاح التحديد) لمدة أربع ثوان. سيومض الضوء خلف رمز N (اللاتعشيق)، مشيرًا إلى تقدم النقل. وسيتوقف الضوء عن الوميض (يبقى مضيئًا باستمرار) مع اكتمال النقل إلى وضع N (اللاتعشيق).



مفتاح اللاتعشيق

7. بعد اكتمال النقل وإضاءة مصباح وضع N (اللاتعشيق)، قم بتحرير زر وضع N (اللاتعشيق).
8. قم بتشغيل المحرك.
9. قم بتغيير ناقل الحركة إلى ترس REVERSE (الرجوع للخلف).
10. حرر دواسة الفرامل لمدة 5 ثوان وتأكد من عدم وجود حركة بالسيارة.
11. انقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).
12. اضغط على فرامل التوقف.
13. انقل ناقل الحركة إلى ترس PARK (التوقف)، وأوقف تشغيل المحرك، ثم أخرج حافظة المفاتيح.
14. قم بتوصيل السيارة بسيارة سحب عن طريق قضيب سحب مناسب.
15. حرر فرامل التوقف.

ملاحظة:

- **الخطوات من 1 إلى 5 هي متطلبات يجب استيفاؤها قبل الضغط على زر N (اللاتعشيق) ويجب الاستمرار في استيفائها حتى اكتمال النقل. في حالة عدم استيفاء أي من هذه المتطلبات قبل الضغط على زر وضع N (اللاتعشيق) أو التوقف عن استيفائها خلال النقل، سيومض مصباح مؤشر N (اللاتعشيق) بشكل مستمر حتى يتم استيفاء جميع المتطلبات أو حتى يتم تحرير زر وضع N (اللاتعشيق).**
- **يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) حتى يتم النقل وحتى يضئ ضوء مؤشر الوضع. إذا لم يكن المفتاح في وضع ON/RUN (التشغيل/الانطلاق) فلن يحدث النقل ولن تضاء أو تومض أية مصابيح مؤشرة للوضع.**
- **يشير مصباح مؤشر موضع N (اللاتعشيق) الوامض إلى أن متطلبات النقل لم يتم استيفاؤها.**

النقل إلى خارج وضع N (اللاتعشيق)

استخدم الإجراء التالي لتحضير سيارتك للاستخدام العادي.

1. أوقف السيارة تمامًا، واتركها متصلة بسيارة السحب.
2. اضغط على فرامل التوقف.
3. أدر مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، لكن لا تقم بتشغيل المحرك.
4. اضغط على دواسة الفرامل وحررها.
5. نقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).

تنبيه!

- لا تقم بسحب أي سيارة مزودة بدفع رباعي (4x4) على دلية سحب. سوف يتسبب السحب مع وجود مجموعة واحدة من العجلات على الأرض (الأمامية أو الخلفية) في حدوث تلف بالغ في ناقل الحركة و/أو وحدة نقل الطاقة. قم بالسحب مع وجود جميع العجلات الأربع إما على الأرض أو مرفوعة عن الأرض (باستخدام مقطورة سيارة).
- قم بالسحب في الاتجاه الأمامي فقط. يمكن أن يؤدي سحب هذه السيارة للخلف إلى تلف شديد بوحدة نقل الطاقة.
- يجب وضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) للقيام بالجر من أجل الاستجمام.
- قبل الجر من أجل الاستجمام، نفذ الإجراء الموضح تحت العنوان "الانتقال إلى وضع N (اللاتعشيق)" للتأكد من وجود وحدة نقل الطاقة بالكامل في وضع N (اللاتعشيق). وغير ذلك يتسبب في حدوث تلف داخلي.

(تابع)

تنبيه! (تابع)

- يمكن أن ينجم عن مخالفة المتطلبات المذكورة أعلاه لسحب هذه السيارة حدوث أضرار بالغة في ناقل الحركة و/أو وحدة نقل الطاقة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.
- لا تستخدم قضيب سحب قامط مركب على المصد في سيارتك. حيث يؤدي ذلك إلى تلف قضيب وجه المصد.

الانتقال إلى وضع NEUTRAL (اللاتعشيق)

تحذير!

قد تتعرض أنت أو الآخرين للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود وحدة نقل الطاقة في وضع N (اللاتعشيق) دون استخدام فرامل التوقف أولاً بشكل كامل. يعمل وضع N (اللاتعشيق) على فصل كل من عمودي التوجيه الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة بالحركة حتى وإن كان ناقل الحركة بوضع PARK (التوقف). يجب استخدام فرامل التوقف دائمًا عندما لا يكون السائق موجودًا في السيارة.

استخدم الإجراء التالي لتحضير سيارتك للجر من أجل الاستجمام.

تنبيه!

من الضروري اتباع هذه الخطوات للتأكد من وجود وحدة نقل الطاقة في وضع N (اللاتعشيق) الكامل قبل الجر من أجل الاستجمام لمنع تلف الأجزاء الداخلية.

1. أوقف السيارة تمامًا وانقل ناقل الحركة إلى وضع PARK (التوقف).
2. قم بإيقاف تشغيل المحرك.
3. أدر مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، لكن لا تقم بتشغيل المحرك.
4. اضغط على دواسة الفرامل وحررها.
5. نقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).

الجر من أجل الاستجمام - طُرز الدفع أمامي (FWD)

لا تقم بالسحب المسطح لهذه السيارة. قد تتعرض مجموعة الدفع والحركة للتلف جراء ذلك.

مسموح بالجر من أجل الاستجمام (لطُرز الدفع الأمامي) فقط إذا كانت العجلات الخلفية **مرفوعة** عن الأرض. ويمكن إجراء هذا باستخدام دلية سحب أو مقطورة سيارة. وفي حالة استخدام دلية سحب، اتبع هذه الإجراءات:

1. ثبّت الدلية جيدًا بسيارة السحب، مع اتباع تعليمات الجهة المصنعة للدلية.
2. ارفع العجلات الأمامية على دلية السحب.
3. اضغط على فرامل التوقف. ضع ناقل الحركة في وضع PARK (التوقف).
4. ثبّت العجلات الخلفية جيدًا بالدلية، مع اتباع تعليمات الجهة المصنعة للدلية.
5. حرر فرامل التوقف.

تنبيه!

قد ينتج عن السحب في ظل وجود العجلات الأمامية على الأرض حدوث تلف شديد بناقل الحركة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

الجر من أجل الاستجمام - طُرز الدفع الرباعي (4X4) المزودة بوحدة نقل الطاقة أحادية السرعة

لا يُسمح بالجر من أجل الاستجمام. لا تحتوي هذه الطُرز على وضع NEUTRAL (اللاتعشيق) في وحدة نقل الطاقة.

ملاحظة: يمكن سحب هذه السيارة على شاحنة مسطحة أو مقطورة سيارات بشرط رفع العجلات الأربع عن الأرض.

تنبيه!

إن جر هذه السيارة مع وجود **إحدى** عجلاتها على الأرض قد يتسبب في إلحاق تلف بالغ بناقل الحركة و/أو وحدة نقل الطاقة. ولا يغطي ضمان السيارة الجديدة التلف الناجم عن جرها بشكل غير سليم.

الجر من أجل الاستجمام - طُرز الدفع الرباعي (4X4) المزودة بوحدة نقل الطاقة ثنائية السرعة

يجب نقل وحدة نقل الطاقة إلى وضع N (اللاتعشيق)، ويجب وضع ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) للجر من أجل الاستجمام. زر تحديد وضع N (اللاتعشيق) مجاور لمفتاح تحديد وحدة نقل الطاقة. قد تحدث الانتقالات إلى ومن وضع N (اللاتعشيق) عند وجود مفتاح التحديد في أي وضع.

الجر من أجل الاستجمام (خلف عربة منزل متنقل، إلخ.)

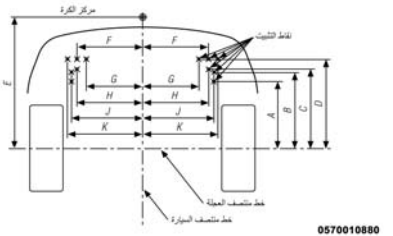
سحب هذه السيارة خلف سيارة أخرى

		طُرز الدفع الأمامي (FWD)	طُرز الدفع الرباعي (4X4)	
ظروف السحب	العجلات مرفوعة عن الأرض	طُرز الدفع الأمامي (FWD)	وحدة نقل الطاقة أحادية السرعة	وحدة نقل الطاقة ثنائية السرعة
السحب المسطح	لا يوجد	**غير مسموح**	**غير مسموح**	**راجع التعليمات:** • ناقل الحركة في وضع PARK (التوقف) • وحدة نقل الطاقة في وضع NEUTRAL (اللاتعشيق) • السحب باتجاه أمامي
دلية السحب	المقدمة	موافق	**غير مسموح**	**غير مسموح**
	المؤخرة	**غير مسموح**	**غير مسموح**	**غير مسموح**
على المقطورة	الكل	موافق	موافق	موافق

نقاط الربط لسحب المقطورة والأبعاد المتدلية	
H	1.62 قدم (495 مم)
J	1.76 قدم (535 مم)
K	1.86 قدم (567 مم)

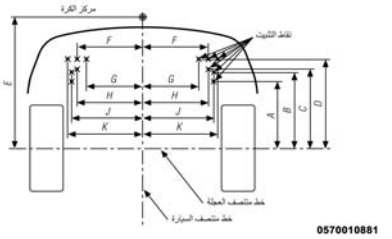
نقاط الربط لسحب المقطورة (طُرز Trailhawk)

سوف تتطلب سيارتك معدات إضافية لتتمكن من سحب المقطورة بأمان وكفاءة. يجب أن يتم تركيب قضيب سحب المقطورة في سيارتك باستخدام نقاط الربط المتوفرة على هيكل السيارة (الشاسيه). راجع الشكل التالي لتحديد نقاط الربط الدقيقة. قد يتطلب الأمر أو ينصح بشدة باستخدام معدات أخرى كأجهزة التحكم في تأرجح المقطورة ومعدات الكبح، وجهاز معادلة (موازنة) المقطورة والمرايا الجانبية المنخفضة.



نقاط الربط لسحب المقطورة والأبعاد المتدلية	
	قضيب الربط الثابت والقابل للفصل والقابل للسحب
A	1.65 قدم (503 مم)

نقاط الربط لسحب المقطورة والأبعاد المتدلية	
B	1.88 قدم (573 مم)
C	1.96 قدم (596 مم)
D	2.20 قدم (671 مم)
E (للتدلي)	3.25 أقدام (990 مم)
F	1.62 قدم (494 مم)
G	1.39 قدم (424 مم)
H	1.62 قدم (495 مم)
J	1.76 قدم (535 مم)
K	1.86 قدم (567 مم)



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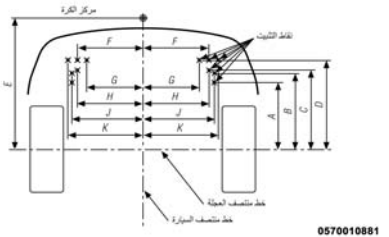
نقاط الربط لسحب المقطورة والأبعاد المتدلية	
	قضيب الربط الثابت والقابل للفصل والقابل للسحب
A	1.69 قدم (515 مم)
B	1.92 قدم (585 مم)
C	1.99 قدم (608 مم)
D	2.24 قدم (683 مم)
E (للتدلي)	3.30 أقدام (1007 مم)
F	1.62 قدم (494 مم)
G	1.39 قدم (424 مم)
H	1.62 قدم (495 مم)

نقاط الربط لسحب المقطورة والأبعاد المتدلية	
J	1.76 قدم (535 مم)
K	1.86 قدم (567 مم)

نقاط الربط لسحب المقطورة (طُرز الدفع الرباعي)

سوف تتطلب سيارتك معدات إضافية لتتمكن من سحب المقطورة بأمان وكفاءة. يجب أن يتم تركيب قضيب سحب المقطورة في سيارتك باستخدام نقاط الربط المتوفرة على هيكل السيارة (الشاسيه). راجع الشكل التالي لتحديد نقاط الربط الدقيقة. قد يتطلب الأمر أو ينصح بشدة باستخدام معدات أخرى كأجهزة التحكم في تأرجح المقطورة ومعدات الكبح، وجهاز معادلة (موازنة) المقطورة والمرايا الجانبية المنخفضة.



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نقاط الربط لسحب المقطورة والأبعاد المتدلية	
	قضيب الربط الثابت والقابل للفصل والقابل للسحب
A	1.65 قدم (503 مم)
B	1.88 قدم (573 مم)
C	1.96 قدم (596 مم)
D	2.20 قدم (671 مم)
E (للتدلي)	3.26 أقدام (995 مم)
F	1.62 قدم (494 مم)
G	1.39 قدم (424 مم)

نصائح بشأن السحب

قبل البدء في رحلة، قم بتجربة انعطاف وتوقف ورجوع بالمقطورة إلى الخلف في منطقة بعيدة عن الازدحام المروري.

ناقل الحركة الأوتوماتيكي - إذا كانت السيارة مزودة بذلك

يمكن تحديد نطاق ترس DRIVE (القيادة) عند السحب. تتضمن مفاتيح تحكم ناقل الحركة استراتيجية دفع لتجنب النقل المتكرر أثناء السحب. ولكن إذا تكرر تبديل التروس أثناء القيادة، فاستخدم الاختيار الإلكتروني للنطاق (ERS) لاختيار نطاق تروس منخفض.

ملاحظة: يؤدي استخدام نطاق تروس منخفض أثناء استعمال السيارة في ظروف تحميل قاسية إلى تحسين الأداء وإطالة عمر ناقل الحركة وذلك بتقليل نقل التروس الزائد عن الحد والحيلولة دون ارتفاع درجة الحرارة. يؤدي هذا الإجراء أيضًا إلى توفير قدرة أفضل على استخدام فرملة المحرك.

التحكم الإلكتروني في السرعة — إذا كانت السيارة مزودة بذلك

- لا تستخدم مفتاح التحكم في التلال أو مع الأحمال الكبيرة.
- إذا حدثت انخفاضات في السرعة أكبر من 16 كم/الساعة (10 أميال/الساعة) عند استخدام مفتاح التحكم في السرعة، فافصل المفتاح حتى تصل السيارة إلى سرعة التشغيل المناسبة.
- استخدم مفتاح التحكم في السرعة في الأراضي المسطحة مع تحميل المصابيح بأقصى كفاءة للوقود.

نظام التبريد

لتقليل احتمال الارتفاع الزائد لدرجة حرارة المحرك وناقل الحركة، قم بالإجراءات التالية:

القيادة في المدن

عند التوقف لفترات قصيرة من الوقت، ضع ناقل الحركة في وضع NEUTRAL (اللاتعشيق) وقم بزيادة سرعة المحرك.

القيادة في الطرق السريعة

خفض السرعة.

مكيف الهواء

قم بإيقاف تشغيله مؤقتًا.

نقاط الربط لسحب المقطورة (طُرز الدفع الثنائي)

سوف تتطلب سيارتك معدات إضافية لتتمكن من سحب المقطورة بأمان وكفاءة. يجب أن يتم تركيب قضيب سحب المقطورة في سيارتك باستخدام نقاط الربط المتوفرة على هيكل السيارة (الشاسيه). راجع الشكل التالي لتحديد نقاط الربط الدقيقة. قد يتطلب الأمر أو ينصح بشدة باستخدام معدات أخرى كأجهزة التحكم في تأرجح المقطورة ومعدات الكبح، وجهاز معادلة (موازنة) المقطورة والمرايا الجانبية المنخفضة.

رقم السن	الميزة	لون السلك
1	إشارة الانعطاف إلى اليسار	أبيض/أسود
2	مصباح الضباب الخلفي	أبيض
3 أ	الأرضية/العودة لأطراف الاتصال (السنون) 1 و2 ومن 4 إلى 8	بني
4	إشارة الانعطاف إلى اليمين	أسود/أخضر
5	الوضع الخلفي الأيمن ومصابيح التحديد الجانبية وجهاز إضاءة لوحة الترخيص الخلفية. **ب**	أخضر/أحمر
6	مصابيح التوقف	أسود/أحمر
7	الوضع الخلفي الأيسر ومصابيح التحديد الجانبية وجهاز إضاءة لوحة الترخيص الخلفية. **ب**	أخضر/أسود
8	مصابيح الرجوع إلى الخلف	أزرق/أحمر
9	مصدر طاقة دائم (+12 فولت)	أحمر
10	مصدر طاقة يتم التحكم فيه بواسطة مفتاح تشغيل (+12 فولت)	أصفر
11 أ	العودة لطرف الاتصال (السن) 10	أصفر/بني
12	احتياطي للتخصيص المستقبلي	–
13 أ	العودة لطرف الاتصال (السن) 9	أحمر/بني

ملاحظة: تم تغيير سن التخصيص 12 من "شفرة المقطورة المقترنة" إلى "احتياطي للتخصيص المستقبلي".

أ لن تتصل دوائر العودة الثلاثة كهربيًا في المقطورة.

ب يكون جهاز إضاءة لوحة ترخيص الوضع الخلفي متصلاً بحيث لا يتصل أي مصباح في الجهاز بكلا السنين 5 و7.

متطلبات السحب - فرامل المقطورة

- **لا** تقم بتوصيل نظام الفرامل الهيدروليكية للسيارة بنظام الفرامل الخاص بالمقطورة. فقد يتسبب ذلك في عمليات كبح غير ملائمة واحتمال حدوث إصابة شخصية.
- يلزم أداة تحكم في فرامل المقطورة تعمل إلكترونيًا عند سحب مقطورة باستخدام الفرامل التي تعمل إلكترونيًا. عند سحب مقطورة مزودة بنظام فرامل يعمل بالاندفاع الهيدروليكي، فلا يلزم استخدام أداة تحكم في الفرامل إلكترونية.
- يُنصح باستعمال فرامل المقطورة للمقطورات التي تزيد أوزانها عن 454 كجم (1000 رطل)، غير أنه يجب استخدامها للمقطورات التي تزيد أوزانها عن 750 كجم (1654 رطلاً).

تحذير!

- لا تقم بتوصيل فرامل المقطورة بأنابيب الفرامل الهيدروليكية لسيارتك. فقد يؤدي ذلك إلى زيادة الحمل على نظام الفرامل في سيارتك وتعرضه للخلل. وقد تفقد قابلية الكبح عند احتياجك إليها مما يمكن أن يسبب وقوع حادث.
- ويؤدي سحب أية مقطورة إلى زيادة المسافة اللازمة للتوقف. عند سحب مقطورة، يجب أن تسمح بمسافة إضافية بين سيارتك والسيارة التي أمامك. قد يؤدي عدم القيام بذلك إلى وقوع حادث.

متطلبات السحب - مصابيح وأسلاك المقطورة

عند سحب أية مقطورة بغض النظر عن حجمها، يُوصى بإيقاف تشغيل مصابيح الوقوف الخلفية وإشارات الانعطاف الموجودة بالمقطورة لضمان السلامة على الطريق.

تتضمن حزمة سحب المقطورة مجموعات أسلاك ذات 13 سنًا. استخدم مجموعة أسلاك وموصل مقطورة معتمد من المصنع.

ملاحظة: لا تقم بقص أو وصل أية أسلاك في مجموعة أسلاك السيارة.

جميع التوصيلات الكهربية كاملة للسيارة ولكن يجب عليك مطابقة مجموعة الأسلاك بموصل المقطورة.

موصل ذو 13 سنًا

تحذير!

قد يؤدي السحب غير الصحيح إلى حدوث تصادم. اتبع هذه الإرشادات لجعل عملية سحب المقطورة آمنة قدر الإمكان:

- تأكد من إحكام تثبيت الحمل في المقطورة وأنه لن يتحرك أثناء القيادة. عند سحب حمولة لا يمكن إحكام تثبيتها بشكل كامل، قد تحدث حركة مستمرة في الحمل والتي قد يصعب على السائق التحكم فيها. فقد تفقد القدرة على التحكم في السيارة، وقد يحدث تصادم.
- عند سحب حمولة أو سحب مقطورة، لا تقم بتحميل السيارة أو المقطورة بشكل زائد. قد يؤدي التحميل الزائد إلى فقدان السيطرة على السيارة أو انخفاض الأداء أو تلف الفرامل أو محور الدوران أو المحرك أو ناقل الحركة أو عجلة القيادة أو التعليق أو هيكل الشاسيه أو الإطارات.
- ويجب دائمًا استخدام سلاسل الأمان بين السيارة والمقطورة. قم دائمًا بتوصيل السلاسل بمثبتات خطاف قضيب ربط السيارة. اربط السلاسل بشكل متداخل تحت لسان سحب المقطورة واسمح بارتخاء كاف لأركان الانعطاف.

(تابع)

تحذير! (تابع)

- يجب عدم إيقاف السيارات المرتبطة بمقطورات على منحدر. عند إيقاف تلك السيارات، استعمل فرامل التوقف في سيارة السحب. ضع ناقل الحركة لسيارة السحب في وضع PARK (التوقف). في السيارات ذات الدفع الرباعي، تأكد من عدم وجود علبة النقل في وضع NEUTRAL (اللاتعشيق). قم دائمًا بوضع حواجز أو "أوتاد" لعجلات المقطورة.
- يجب عدم تجاوز الوزن الإجمالي المشترك للسيارة.
- **يجب توزيع الوزن الإجمالي بين سيارة السحب والمقطورة بحيث لا يتم تجاوز المعدلات الأربعة التالية:**

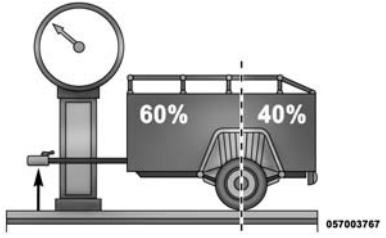
1. معدل الوزن الإجمالي للسيارة (GVWR)
2. إجمالي وزن المقطورة (GTW)
3. معدل الوزن الإجمالي لمحور الدوران (GAWR)
4. معدل وزن لسان سحب قضيب ربط المقطورة المستخدم.

متطلبات السحب - الإطارات

- تعتبر مستويات ضغط الهواء المناسبة لإطاراتك مهمة جدًا لتوفير تشغيل سليم ومرض لسيارتك. لمعرفة إجراءات نفخ الإطارات بشكل صحيح، راجع "الإطارات - معلومات عامة" الواردة في "البدء والتشغيل".
- تحقق أيضًا من إطارات المقطورة للتعرف على مستويات ضغط نفخ الإطارات قبل استخدام المقطورة.
- ابحث عن دلائل على تآكل الإطار أو وجود تلف مرئي به قبل سحب المقطورة. لمعرفة كيفية فحص الإطارات، راجع "الإطارات - معلومات عامة" الواردة في "البدء والتشغيل".
- عند استبدال الإطارات، راجع "الإطارات - معلومات عامة" الواردة في قسم "البدء والتشغيل" لمعرفة إجراءات استبدال الإطارات المناسبة. لن يعمل استبدال الإطارات بإطارات ذات قدرة حمل حمولات عالية على زيادة حدود معدل الوزن الإجمالي للسيارة (GVWR) أو معدل الوزن الإجمالي لمحور الدوران (GAWR).

وزن المقطورة ولسان السحب

قم دائمًا بتحميل المقطورة بحيث يقع 60% من الوزن في مقدمة المقطورة. فقد تتسبب الحمولات المتزنة على العجلات أو الحمولات الأثقل الموجودة في المؤخرة في تأرجح المقطورة **بشدة** من جانب إلى آخر ما يتسبب في فقدان السيطرة على السيارة والمقطورة. يؤدي عدم تحميل المقطورات بالحمولات الأثقل في الأمام إلى وقوع حوادث عديدة للمقطورات. لا تتجاوز أقصى وزن للسان السحب الموجود على قضيب ربط المقطورة.



يجب أخذ العناصر التالية في الاعتبار عند حساب الوزن الواقع على المحاور الأمامية/الخلفية:

- وزن لسان المقطورة للمقطورة.
- وزن أي نوع آخر من الشحنات أو المعدات الموضوعة في أو على السيارة.
- وزن السائق وجميع الركاب.

ملاحظة: تذكر أن كل شيء يوضع داخل المقطورة أو عليها يضيف إلى الحمل الموضوع على السيارة. ويجب أيضًا اعتبار المعدات الاختيارية التي تم تركيبها في المصنع أو المعدات الاختيارية التي قام الوكيل المعتمد بتركيبها جزءًا من إجمالي الحمل الموضوع على السيارة. راجع ملصق معلومات الإطار والتحميل الموجود على عمود باب السائق للتعرف على أقصى وزن إجمالي للركاب والحمولة لسيارتك.

متطلبات السحب

يُنصح باتباع الإرشادات التالية لتليين مكونات مجموعة الدفع والحركة في سيارتك الجديدة بشكل صحيح.

تنبيه!

- لا تقم بسحب مقطورة في أول 500 ميل (805 كم) من قيادتك سيارتك الجديدة. يمكن أن يتلف المحرك أو المحور أو أجزاء أخرى.
- ثم، خلال أول 805 كم (500 ميل) من سحب المقطورة، لا تقم بالقيادة بسرعة أعلى من 80 كم/ساعة (50 ميلا/الساعة) ولا تقم ببدء تشغيل السيارة مع فتح صمام الاختناق بشكل كامل. سيساعدك هذا على تليين المحرك والأجزاء الأخرى للسيارة عند استخدام الأحمال الثقيلة.

قم بإجراء الصيانة الواردة في "كتيب الخدمة والضمان". راجع "كتيب الخدمة والضمان" للاطلاع على فترات الصيانة الصحيحة. عند سحب مقطورة، لا تتجاوز مطلقًا معدل الوزن الإجمالي لمحور الدوران (GAWR) أو معدل الوزن الإجمالي المشترك (GCWR).

أوزان سحب المقطورة (معدلات أقصى وزن للمقطورة)

المحرك/ناقل الحركة	الطراز	المنطقة الأمامية	الحد الأقصى لإجمالي وزن المقطورة (إجمالي وزن المقطورة)	أقصى وزن للسان السحب (انظر الملاحظة)
2.4 لترات/أوتوماتيكي مع/بدون عدة سحب المقطورة	الدفع الأمامي (FWD) أو الدفع الرباعي (4WD)	3.72 متر مربع (40 قدم مربع)	4850 رطل (2200 كجم)	243 رطل (110 كجم)
3.2 لترات/أوتوماتيكي	الدفع الأمامي (FWD) أو الدفع الرباعي (4WD)	3.72 متر مربع (40 قدم مربع)	4850 رطل (2200 كجم)	243 رطل (110 كجم)
3.2 لترات/أوتوماتيكي مع عدة سحب المقطورة	الدفع الأمامي (FWD) أو الدفع الرباعي (4WD)	3.72 متر مربع (40 قدم مربع)	4850 رطل (2200 كجم)	243 رطل (110 كجم)
راجع القوانين المحلية للتعرف على أقصى سرعات لسحب المقطورة والحمولة.				
تمثل حدود السحب الموضحة الحد الأقصى لقدرة سحب السيارة عند إجمالي الوزن المشترك إعادة بدء التشغيل بنسبة 12% من الانحدار على مستوى سطح البحر.				
يتم تقليل أداء واستهلاك الوقود لجميع الطرُز عند الاستخدام للسحب.				

إجمالي وزن المقطورة (GTW)

إجمالي وزن المقطورة (GTW) هو وزن المقطورة بالإضافة إلى وزن الحمولة بالكامل والمواد القابلة للاستهلاك والمعدات (الدائمة أو المؤقتة) المحملة في أو على المقطورة في حالة "التحميل والاستعداد للتشغيل". والطريقة المُوصى بها لقياس إجمالي وزن المقطورة (GTW) هي وضع المقطورة المحملة بشكل كامل على ميزان سيارات. ويجب أن يدعم الميزان وزن المقطورة بالكامل.

معدل الوزن الإجمالي المشترك (GCWR)

معدل الوزن الإجمالي المشترك (GCWR) هو إجمالي الوزن المسموح به لسيارتك والمقطورة عند وزنهما معًا.

معدل الوزن الإجمالي لمحور الدوران (GAWR)

معدل الوزن الإجمالي لمحور الدوران (GAWR) هو أقصى وزن مسموح به على محوري الدوران الأمامي والخلفي. ويجب توزيع الحمولة على المحورين الأمامي والخلفي بشكل متساو. تأكد من عدم تجاوز معدل الوزن الكلي لمحوري الدوران (GAWR) الأمامي أو الخلفي.

تحذير!

من الأهمية بمكان عدم تجاوز الحد الأقصى لمعدل الوزن الإجمالي لمحور الدوران (GAWR) الأمامي أو الخلفي. فقد تنشأ ظروف قيادة خطيرة في حالة تجاوز أي من الوزنين المقدرين. فمن الممكن أن تفقد القدرة على التحكم في السيارة، وقد يقع حادث.

وزن لسان سحب المقطورة (TW)

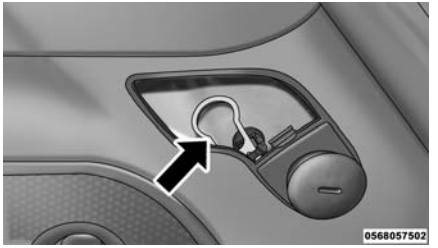
وزن لسان السحب (TW) هو القوة الضاغطة لأسفل على كرة قضيب الربط بواسطة المقطورة. في معظم الأحوال، يجب ألا تزيد القوة المبذولة عن 10% من وزن المقطورة. يجب اعتبار هذه القوة جزءًا من حمولة السيارة.

تحذير!

قد يقلل نظام قضيب الربط غير المضبوط بشكل صحيح من إمكانية التحكم في السيارة واستقرارها وأداء الفرامل وقد يتسبب في وقوع حادث. راجع الجهة المصنعة لقضيب الربط والمقطورة أو وكيل سيارات مقطورة/بيوت متنقلة يتمتع بسمعة جيدة للحصول على معلومات إضافية.

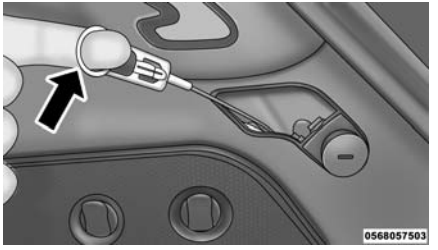
المنطقة الأمامية

المنطقة الأمامية هي أقصى ارتفاع في أقصى عرض لمقدمة المقطورة.



موقع تحرير باب فتحة تعبئة الوقود

3. أمسك شريط كابل التحرير واسحبه لأعلى لتحرير باب فتحة تعبئة الوقود.



تحرير باب الوقود

رسالة عدم ربط غطاء فتحة تعبئة الوقود

إذا حدد النظام التشخيصي في السيارة أن غطاء فتحة تعبئة الوقود مرتخٍ، أو مركبٍ بشكل غير صحيح، أو تالفٍ، فسيتم عرض رسالة "CHECK GASCAP" (افحص غطاء فتحة ملء الوقود) في مركز معلومات السيارة الإلكتروني(EVIC) أو شاشة عرض معلومات السائق (DID). راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" أو "شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات. أحكم ربط غطاء تعبئة الوقود حتى تسمع صوت "تكة". هذا الصوت يشير إلى أن الغطاء تم غلقه بإحكام. راجع "نظام الفحص الذاتي" الوارد في "صيانة السيارة" للحصول على مزيد من المعلومات.

سحب المقطورة

ستجد في هذا القسم نصائح للسلامة ومعلومات عن القيود التي يجب مراعاتها بشأن أعمال السحب التي تستطيع القيام بها بسيارتك. قبل سحب المقطورة، راجع هذه المعلومات لسحب الحمل بأكبر قدر ممكن من الفاعلية والأمان.

للمحافظة على تغطية الضمان المحدود للسيارة الجديدة، اتبع المتطلبات والتوصيات الموضحة في هذا الدليل والمتعلقة بالسيارات المستخدمة في سحب المقطورة.

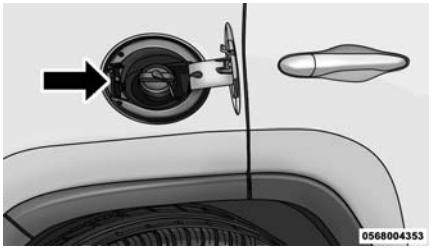
تعريفات السحب العامة

تساعدك التعريفات التالية الخاصة بسحب المقطورات في فهم المعلومات التالية:

معدل الوزن الإجمالي للسيارة (GVWR)

يعتبر معدل الوزن الإجمالي للسيارة (GVWR) هو أقصى وزن مسموح به للسيارة. ويتضمن ذلك وزن السائق والركاب والحمولة ووزن لسان السحب. ويجب ألا تتجاوز الحمولة الكلية معدل الوزن الإجمالي للسيارة (GVWR). راجع "تحميل السيارة/ملصق شهادة توثيق السيارة" في "البدء والتشغيل" لمزيد من المعلومات.

2. افتح باب فتحة تعبئة الوقود، وقم بإزالة غطاء فتحة تعبئة الوقود.



الوقود غطاء فتحة التعبئة (غطاء البنزين)

ملاحظة:

- **في بعض ظروف الطقس البارد، قد يمنع الجليد فتح باب تعبئة الوقود. وفي حالة حدوث ذلك، اضغط برفق على باب تعبئة الوقود لتكسير التراكم الثلجي وإعادة تحرير باب تعبئة الوقود باستخدام زر التحرير الداخلي. لا تقم بفك الباب.**
- **عندما يصدر عن فوهة فتحة الوقود صوت "طقطقة"، أو عند قفلها، فإن ذلك يشير إلى أن خزان الوقود ممتلئ.**
- **أحكم غلق غطاء البنزين بمقدار ربع لفة حتى تسمع صوت طقطقة واحدة. وهذا الصوت يشير إلى أن الغطاء قد تم غلقه بإحكام.**
- **يضئ ضوء مؤشر العطل (MIL) إذا لم يتم إحكام غلق غطاء البنزين. تأكد من إحكام غلق غطاء فتحة تعبئة الوقود في كل مرة يتم فيها التزود بالوقود.**

تنبيه!

- قد يتلف نظام الوقود أو نظام التحكم في الانبعاثات كنتيجة لاستخدام غطاء غير مناسب لفتحة تعبئة الوقود. وقد يتسبب عدم إغلاق الغطاء جيدًا في تلوث نظام الوقود. كما قد يتسبب الغطاء غير الأصلي وغير الملائم في الحجم في إضاءة مصباح مؤشر العطل (MIL) كنتيجة لخروج أبخرة وقود من النظام.
- قد يتسبب عدم إغلاق غطاء تعبئة الوقود جيدًا في إضاءة مصباح مؤشر العطل (MIL).
- لتفادي انسكاب الوقود وغمر الخزان لا تواصل ضخ البنزين بعد امتلاء الخزان.

تحذير!

- امتنع بتاتًا عن إشعال السجائر داخل أو قرب السيارة عندما يكون غطاء فتحة تعبئة الوقود مفتوحًا أو أثناء تعبئة الخزان.
- لا تضف مطلقًا أي كمية من الوقود أثناء تشغيل المحرك. يعتبر هذا انتهاكًا لقوانين معظم الولايات والقوانين الاتحادية المتعلقة بالحرائق وقد يتسبب ذلك في إضاءة مصباح مؤشر العطل (MIL).
- قد يحدث حريق في حالة ضخ كمية من البنزين داخل حاوية متنقلة موجودة داخل السيارة. وقد تصاب بحروق. دائمًا ضع الحاوية على الأرض عند تعبئتها.

تحرير باب فتحة تعبئة خزان الوقود في حالة الطوارئ

إذا لم يمكنك فتح باب فتحة تعبئة الوقود، فاستخدم مفتاح تحرير باب فتحة تعبئة خزان الوقود في حالة الطوارئ.

1. افتح باب المؤخرة.
2. قم بإزالة باب الوصول الموجود في لوحة الكسوة الداخلية لكابل التحرير باستخدام طرف المفتاح الخاص بك.

تنبيه!

قد يؤدي استخدام وقود ذي محتوى إيثانول أعلى من 10% إلى حدوث خلل بالمحرك وصعوبات عند بدء التشغيل وأثناء التشغيل وتحلل المواد. وقد يؤثر ذلك عكسيًا ويتسبب في تلف دائم بسيارتك.

بنزين الهواء النقي

هناك العديد من مركبات البنزين الآن يتم خلطها لتسهم في الحفاظ على الهواء نقيًا، خاصة في تلك المناطق ذات معدلات التلوث المرتفع. توفر هذه المركبات الجديدة وقود احتراق أنقى ويشار إلى بعض هذه المركبات باسم "البنزين المعدل".

وتدعم الجهة المصنعة هذه الجهود التي ترمي إلى هواء أنقى. يمكن أن تقدم يد العون من خلال استخدام هذه المركبات وهي متوفرة.

مادة MMT في البنزين

إن مادة MMT هي مادية إضافية معدنية تحتوي على المنجنيز يتم خلطها في بعض أنواع الوقود لزيادة رقم الأوكتان. لا يوفر البنزين الذي يتم خلطه بمادة MMT أي ميزة عن البنزين الذي له نفس رقم الأوكتان بدون مادة MMT. يقلل البنزين الذي يتم خلطه بمادة MMT من عمر شمعات الإشعال ويقلل أداء نظام الانبعاثات في بعض السيارات. تُوصي الجهة المصنعة باستخدام البنزين بدون مادة MMT في سيارتك. قد لا يُشار إلى محتوى MMT في البنزين على مضخة البنزين، ولذلك يجب عليك سؤال مزود البنزين عما إذا كان البنزين يحتوي على مادة MMT.

المواد المضافة إلى الوقود

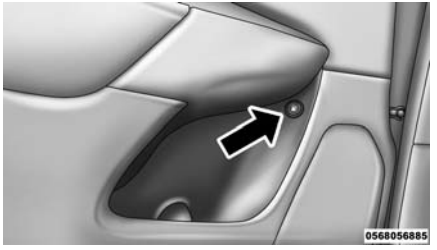
ينبغي أن تحتوي جميع أنواع البنزين المباعة في الولايات المتحدة الأمريكية على مواد تنظيف إضافية فعالة. لا يلزم استخدام مواد تنظيف إضافية أو إضافات أخرى في الظروف العادية وقد يترتب على استخدامها تكلفة إضافية. ولذلك لا تقم بإضافة أي شيء إلى الوقود.

إضافة الوقود

يوجد غطاء البنزين خلف باب تعبئة الوقود في جانب الراكب من السيارة. إذا فُقد الغطاء أو تلف، تأكد من أن الغطاء البديل قد تم تصميمه للاستخدام مع هذه السيارة.

ملاحظة: عند فك غطاء فتحة ملء الوقود، ضع الشريط المطول للغطاء في الخطاف الموجود على باب دعم تعبئة الوقود.

1. اضغط على مفتاح تحرير باب فتحة تعبئة الوقود (الموجود في كسوة الباب بجانب السائق).



مفتاح تحرير باب فتحة ملء خزان الوقود

قام ما يزيد عن 40 من الجهات المصنعة للسيارات حول أنحاء العالم بإصدار مواصفات ثابتة بشأن البنزين ودعمها (ميثاق الوقود العالمي، WWFC) لتعريف خصائص الوقود الضرورية لتوفير انبعاث نظيف للغازات وأداء جيد للمحركات ومتانة تامة لسيارتك. وتُوصي الجهة المصنعة باستخدام وقود يتطابق مع مواصفات ميثاق الوقود العالمي (WWFC) عند توفره.

قد تؤدي النوعيات الرديئة للبنزين إلى مشاكل مثل صعوبة بدء التشغيل والتوقف المفاجئ والتشغيل المتقطع للمحرك. إذا لاحظت مثل هذه المشاكل، فجرب نوعًا آخر من البنزين قبل التفكير في إصلاح السيارة.

محرك بسعة 2.4 لترات

تم تصميم هذه المحركات بحيث تراعي جميع القوانين المتعلقة بانبعاثات الغازات وبحيث توفر اقتصادًا كبيرًا في استهلاك الوقود وأداءً ممتازًا عند استعمال بنزين ذي جودة عالية خالي من الرصاص مع أدنى رقم أوكتان البحث (RON) وهو 91.

محرك سعة 3.2 لترات

تم تصميم المحرك سعة 3.2 لتر بحيث تتوافق مع جميع القواعد الخاصة بالانبعاثات، وتوفر ترشيدًا مرضيًا لاستهلاك الوقود وأداءً مرضيًا عند استخدام بنزين عالي الجودة خالي من الرصاص برقم أوكتان البحث (RON) 91. تُوصي الجهة المصنعة باستخدام رقم أوكتان البحث 93 للحصول على أفضل أداء. لا تعتبر فرقعة الإشعال الخفيفة تحت سرعة محرك منخفضة ضارة لمحرك سيارتك. إلا أن الفرقعة العالية المستمرة في سرعات المحرك العالية تؤدي إلى حدوث أضرار بالمحرك ويجب حينئذ صيانة المحرك على الفور. قد تؤدي النوعيات الرديئة من البنزين إلى مشاكل مثل صعوبة بدء التشغيل والتوقف المفاجئ والتشغيل المتقطع للمحرك. إذا لاحظت مثل هذه المشكلات، فجرب نوعًا آخر من البنزين قبل التفكير في إصلاح السيارة.

الميثانول

(الميثيل أو كحول الميثيل) يستخدم في تركيزات مختلفة عند خلطها بالبنزين الخالي من الرصاص. قد تتوفر أمامك أنواع وقود تحتوي على نسبة 3% أو أكثر من الميثانول إضافة لمواد كحولية أخرى تسمى المذيبات. لا تقع مسؤولية المشاكل التي تنتج عن استخدام الميثانول/البنزين مع مركبات أخرى على الجهة المصنعة. على الرغم من أن مادة MTBE هي مادة مؤكسدة مصنوعة من الميثانول، إلا أنها ليس لها الآثار السلبية للميثانول.

تنبيه!

لا تستخدم أنواع البنزين التي تحتوي على الميثانول. قد يؤدي استخدام هذه المركبات إلى مشاكل في بدء التشغيل والقيادة وقد يؤدي إلى تلف مكونات حساسة في نظام الوقود.

الإيثانول

توصي الجهة المصنعة بتشغيل سيارتك باستخدام وقود لا يحتوي على أكثر من 10% من الإيثانول. إن شراء الوقود الخاص بك من مورد يتمتع بسمعة جيدة قد يقلل مخاطرة تجاوز حد 10% و/أو تلقي وقود بخصائص غير طبيعية. يجب أيضًا ملاحظة أنه من المتوقع زيادة استهلاك الوقود عند استخدام وقود مخلوط بالإيثانول بسبب ضعف محتوى الطاقة بالإيثانول. لا تقع مسؤولية المشاكل التي تنتج عن استخدام الميثانول/البنزين أو مزيج الإيثانول E-85 مع مركبات أخرى على الجهة المصنعة.

تعطيل نظام مراقبة ضغط الإطارات (TPMS) - إذا كانت السيارة مزودة بذلك

يمكن إلغاء تنشيط نظام مراقبة ضغط الإطارات (TPMS) عند استبدال مجموعات العجلات والإطارات الأربعة جميعًا (إطارات الطريق) بمجموعات عجلات وإطارات ليس بها مستشعرات مراقبة ضغط الإطارات، كما يحدث عند تركيب مجموعات عجلات وإطارات الشتاء في السيارة. لإلغاء تنشيط نظام مراقبة ضغط الإطارات (TPMS)، استبدل أولاً مجموعات العجلات والإطارات الأربع (إطارات الطريق) بإطارات غير مجهزة بمستشعرات مراقبة ضغط الإطارات (TPM). قم بعد ذلك، بقيادة السيارة لمدة 20 دقيقة بسرعة أعلى من 15.5 ميلاً/الساعة (25 كم/ساعة). سيصدر نظام مراقبة ضغط الإطارات (TPMS) إشارة صوتية ويومض "ضوء تحذير نظام مراقبة ضغط الإطارات" لمدة 75 ثانية ثم يثبت في حالة الإضاءة وسيعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط الإطارات بحاجة إلى صيانة) ثم يعرض شرطتين (--) بدلاً من قيم الضغط. بدءًا من دورة التشغيل التالية، لن يصدر نظام مراقبة ضغط الإطارات (TPMS) إشارة صوتية أو يعرض رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط الإطارات بحاجة إلى صيانة) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) ولكن ستبقى الشرطتان (--) في مكان قيم الضغط.

لإعادة تشغيل نظام مراقبة ضغط الإطارات (TPMS)، استبدل مجموعات العجلات والإطارات الأربع (إطارات الطريق) بإطارات مجهزة بمستشعرات مراقبة ضغط الإطارات. قم بعد ذلك، بقيادة السيارة لمدة 20 دقيقة بسرعة أعلى من 15.5 ميلاً/الساعة (25 كم/ساعة). سيصدر نظام مراقبة ضغط الإطارات (TPMS) إشارة صوتية ويومض "ضوء تحذير نظام مراقبة ضغط الإطارات" لمدة 75 ثانية ثم يتوقف عن الإضاءة، وسيعرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID) رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط الإطارات بحاجة إلى صيانة). سوف يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) أيضًا قيم الضغط في موضع الشرطتين. بدءًا من دورة التشغيل التالية، لن يتم عرض رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط الإطارات بحاجة إلى صيانة) طالما لا يوجد خلل بالنظام.

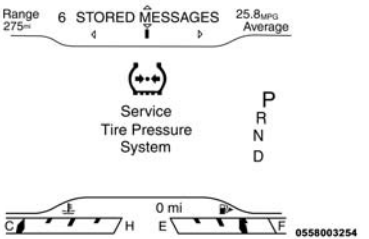
متطلبات الوقود - محركات البنزين

تم تصميم هذا المحرك بحيث يراعي جميع القوانين المتعلقة بانبعاثات الغازات وبحيث توفر اقتصادًا كبيرًا في استهلاك الوقود وأداءً ممتازًا عند استعمال بنزين ذي جودة عالية خالي من الرصاص مع أدنى معدل أوكتان أبحاث (RON) وهو 91.

لا تعتبر فرقعة الإشعال الخفيفة تحت سرعة محرك منخفضة ضارة لمحرك سيارتك. إلا أن الفرقعة العالية المستمرة في سرعات المحرك العالية تؤدي إلى حدوث أضرار بالمحرك ويجب حينئذ صيانة المحرك على الفور. قد تؤدي النوعيات الرديئة من البنزين إلى مشاكل مثل صعوبة بدء التشغيل والتوقف المفاجئ والتشغيل المتقطع للمحرك. إذا لاحظت مثل هذه المشكلات، فجرب نوعًا آخر من البنزين قبل التفكير في إصلاح السيارة.

السيارات المزودة بإطار احتياطي صغير أو إطار احتياطي ذي حجم كامل غير متطابق

1. لا يحتوي الإطار الاحتياطي الصغير أو الإطار الاحتياطي ذي الحجم الكامل غير المتطابق على مستشعر لمراقبة ضغط الإطار. وبالتالي، لن يقوم نظام مراقبة ضغط الإطارات (TPMS) بمراقبة الضغط في الإطار الاحتياطي الصغير.
2. إذا قمت بتركيب الإطار الاحتياطي الصغير أو الإطار الاحتياطي ذي الحجم الكامل غير المتطابق بدلاً من إطار طريق ضغطه منخفض عن الحد الخاص بتحذير انخفاض الضغط، فستصدر إشارة صوتية ويضيء ضوء "نظام مراقبة ضغط الإطارات" في المرة التالية التي تقوم فيها بإدارة مفتاح التشغيل. إضافة إلى ذلك، يستمر عرض الشكل الرسومي في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) لقيمة الضغط بلون مختلف، وسوف تظهر الرسالة "Inflate to XX" (انفخ الإطار إلى XX).
3. بعد قيادة السيارة لمدة 20 دقيقة بسرعة أعلى من 25 كم/ساعة (15.5 ميلاً/الساعة)، سيومض "ضوء تحذير نظام مراقبة ضغط الإطارات (TPMS)" لمدة 75 ثانية ثم يثبت في حالة الإضاءة. بالإضافة إلى ذلك، يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط الإطارات بحاجة إلى صيانة) لمدة خمس ثوان ثم يعرض شرطتين (- -) بدلاً من قيمة الضغط.
4. لكل دورة تشغيل تالية، ستصدر إشارة صوتية ويومض ضوء "نظام مراقبة ضغط هواء الإطارات" لمدة 75 ثانية ثم يثبت في حالة الإضاءة وسيعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط الإطارات بحاجة إلى صيانة) لمدة خمس ثوان ثم يعرض شرطتين (--) بدلاً من قيمة الضغط.
5. بمجرد إصلاح أو استبدال إطار الطريق الأصلي وإعادة تركيبه في السيارة بدلاً من الإطار الصغير أو الإطار ذي الحجم الكامل غير المتطابق، يتم تحديث نظام مراقبة ضغط الإطارات (TPMS) أوتوماتيكيًا. بالإضافة إلى ذلك، ينطفئ ضوء "نظام مراقبة ضغط الإطارات (TPMS)" وتعرض الشاشة الرسومية في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) قيمة ضغط جديدة بدلاً من الشرطتين (--) طالما أنه لا يوجد إطار ينخفض ضغطه عن حد تحذير الضغط المنخفض في أي من إطارات الطريق الأربعة المستخدمة. قد يلزم قيادة السيارة لمدة تصل إلى 20 دقيقة بسرعة أعلى من 25 كم/الساعة (15.5 ميلاً/الساعة) لكي يتلقى نظام مراقبة ضغط الإطارات (TPMS) هذه المعلومات.



تحذير صيانة نظام مراقبة ضغط هواء الإطارات

في حالة تدوير مفتاح التشغيل، سيتكرر هذا التسلسل، إذا كان خطأ النظام لا يزال موجودًا. إذا تلاشى خلل النظام، فسيتوقف وميض "ضوء إشارة مراقبة ضغط الإطارات" ويتوقف عرض الرسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط الإطارات بحاجة إلى صيانة) ويتم عرض قيمة الضغط بدلاً من الشرطتين. يمكن أن يحدث خطأ النظام نتيجة لأي من الأسباب التالية:

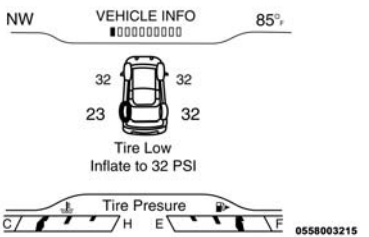
1. التشويش بسبب الأجهزة الإلكترونية أو القيادة بالقرب من المنشآت التي تصدر عنها نفس الترددات اللاسلكية التي تصدرها مستشعرات نظام مراقبة ضغط الإطارات (TPMS).
2. تركيب نوع من الأغشية البلاستيكية للزجاج المباعة في الأسواق والتي تؤثر على إشارات الموجات اللاسلكية.
3. وجود كم كبير من الثلج حول العجلات أو مبيتات العجلات.
4. استخدام سلاسل الإطارات في السيارة.
5. استخدام عجلات/إطارات غير مزودة بمستشعرات نظام مراقبة ضغط الإطارات (TPMS).

السيارات المزودة بإطار احتياطي ذي حجم كامل متطابق

1. تحتوي مجموعة العجلة والإطار ذوي الحجم الكامل المطابقين على مستشعر لمراقبة ضغط الإطارات يرسل إشارات إلى نظام مراقبة ضغط الإطارات (TPMS).
2. إذا قمت بتركيب الإطار الاحتياطي ذي الحجم الكامل بدلاً من إطار طريق ضغطه منخفض عن الحد الخاص بتحذير انخفاض الضغط، فستصدر إشارة صوتية ويضيء "ضوء تحذير نظام مراقبة ضغط الإطارات (TPMS)" في المرة التالية التي تقوم فيها بإدارة مفتاح التشغيل إلى وضع التشغيل. بالإضافة إلى ذلك، يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رسالة "Inflate to XXX" (انفخ الإطار إلى XX) وشكلاً رسوميًا يوضح قيمة ضغط الإطار المنخفض بلون مختلف.
3. تؤدي قيادة السيارة لمدة تصل إلى 20 دقيقة بسرعة أعلى من 25 كم/ساعة (15.5 ميلاً/الساعة) إلى إيقاف تشغيل "ضوء تحذير مراقبة ضغط هواء الإطارات" طالما أنه لا يوجد إطار ينخفض ضغطه عن حد تحذير الضغط المنخفض في أي من إطارات الطريق الأربعة المستخدمة.
4. يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) شكلاً رسوميًا يبين قيمة ضغط الإطار بنفس لون قيم الضغط الأخرى بدلاً من اللون المختلف الذي يُعرض به قيمة ضغط الإطار المنخفض. كما يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رسالة "SPARE LOW PRESSURE" (انخفاض ضغط الإطار الاحتياطي) لتذكيرك بصيانة الإطار المفرغ من الهواء.

تحذيرات الضغط المنخفض خلال مراقبة ضغط الإطارات

يضيء "ضوء تحذير نظام مراقبة ضغط هواء الإطارات" في مجموعة أجهزة القياس وتصدر إشارة صوتية عند انخفاض الضغط في واحد أو أكثر من إطارات الطريق الأربعة المستخدمة. بالإضافة إلى ذلك، سيعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رسالة "Tire Low" (ضغط الإطار منخفض) لمدة 5 ثوان على الأقل، ورسالة "Inflate to XX" (انفخ الإطار إلى XX) ورسمًا يعرض قيم ضغط كل إطار مع عرض قيمة الضغط المنخفض بلون مختلف.



تحذير انخفاض ضغط نظام مراقبة ضغط الإطارات

في حالة حدوث ذلك، يجب عليك التوقف بأسرع ما يمكن ونفخ الإطارات منخفضة الضغط (التي تظهر بلون مختلف في الشاشة الرسومية لمركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)) إلى قيمة ضغط الإطار البارد المُوصى به للسيارة الموضح على الملصق كما هو موضح في رسالة "Inflate to XX" (انفخ الإطار إلى XX). بمجرد استقبال النظام لمستويات ضغط الإطارات المحدثة، يقوم النظام بتحديث نفسه أوتوماتيكيًا وتعود قيم الضغط في الشاشة الرسومية في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) إلى اللون الأصلي، وينطفئ "ضوء تحذير مراقبة ضغط الإطارات".

ملاحظة: عند ملء الإطارات الدافئة، قد تكون هناك حاجة إلى زيادة ضغط الإطار إلى 30 كيلوباسكال (4 أرطال لكل بوصة مربعة) إضافية أعلى من ضغط الإطار البارد المُوصى به لإيقاف تشغيل ضوء تحذير نظام مراقبة ضغط الإطارات.

قد يلزم قيادة السيارة لمدة تصل إلى 20 دقيقة بسرعة أعلى من 25 كم/الساعة (15.5 ميلاً/الساعة) لكي يتلقى نظام مراقبة ضغط الإطارات (TPMS) هذه المعلومات.

تحذير صيانة نظام مراقبة ضغط هواء الإطارات (TPMS)

عند اكتشاف خطأ بالنظام، يومض "ضوء تحذير مراقبة ضغط هواء الإطارات" لمدة 75 ثانية ثم يثبت في حالة الإضاءة. تصدر إشارة صوتية أيضًا عند اكتشاف خطأ بالنظام. بالإضافة إلى ذلك، يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رسالة "SERVICE TPM SYSTEM" (نظام مراقبة ضغط الإطارات بحاجة إلى صيانة) لمدة خمس ثوان بحد أدنى ثم يعرض شرطتين (- -) بدلاً من قيمة الضغط للإشارة إلى المستشعر الذي لم يتم استقبال إشارة منه.

السيارات المزودة بإطار احتياطي صغير أو إطار احتياطي ذي حجم كامل غير متطابق

1. لا يحتوي الإطار الاحتياطي الصغير أو الإطار الاحتياطي ذي الحجم الكامل غير المتطابق على مستشعر لمراقبة ضغط الإطار. وبالتالي، لن يقوم نظام مراقبة ضغط الإطارات (TPMS) بمراقبة الضغط في الإطار الاحتياطي الصغير.
2. إذا قمت بتركيب الإطار الاحتياطي الصغير أو الإطار الاحتياطي ذي الحجم الكامل غير المتطابق بدلاً من إطار طريق ضغطه منخفض عن الحد الخاص بتحذير انخفاض الضغط، يتم سماع إشارة صوتية ويضيء "ضوء تحذير نظام مراقبة ضغط الإطارات" وتظهر رسائل "LOW TIRE PRESSURE" (انخفاض ضغط الإطار) و"Inflate to XX" (انفخ الإطارات إلى XX) في المرة التالية التي تقوم فيها بإدارة مفتاح التشغيل.
3. بعد قيادة السيارة لمدة 20 دقيقة بسرعة أعلى من 24 كم/ساعة (15 ميلاً/الساعة)، سيومض "ضوء تحذير نظام مراقبة ضغط الإطارات (TPMS)" لمدة 75 ثانية ثم يثبت في حالة الإضاءة.
4. لكل دورة تالية لمفتاح التشغيل، ستصدر إشارة صوتية ويومض "ضوء تحذير نظام مراقبة ضغط هواء الإطارات" لمدة 75 ثانية ثم يثبت في حالة الإضاءة.
5. بمجرد إصلاح أو استبدال إطار الطريق الأصلي وإعادة تركيبه في السيارة بدلاً من الإطار الصغير أو الإطار الاحتياطي ذي الحجم الكامل غير المتطابق، سيتم تحديث نظام مراقبة ضغط الإطارات (TPMS) أوتوماتيكيًا وسينطفئ "ضوء تحذير نظام مراقبة ضغط الإطارات" طالما أنه لا يوجد إطار ينخفض ضغطه عن حد تحذير الضغط المنخفض في أي من إطارات الطريق الأربعة المستخدمة. قد يلزم قيادة السيارة لمدة تصل إلى عشرين دقيقة بسرعة أعلى من 24 كم/الساعة (15 ميلاً/الساعة) لكي يتلقى نظام مراقبة ضغط الإطارات (TPMS) هذه المعلومات.

النظام المتميز - إذا كانت السيارة مزودة بذلك

يستخدم نظام مراقبة ضغط الإطارات (TPMS) تكنولوجيا لاسلكية مع مستشعرات إلكترونية مركبة في العجلات المعدنية الداخلية لمراقبة مستويات ضغط الإطارات. حيث تنقل المستشعرات المثبتة على كل عجلة كجزء من الصمام قراءاتها لضغط الإطار إلى وحدة الاستقبال.

ملاحظة: ومن المهم بشكل خاص فحص مستويات الضغط في جميع إطارات السيارة شهريًا والحفاظ على الضغط الصحيح لها.

يتكون نظام مراقبة ضغط الإطارات من المكونات التالية:

- وحدة الاستقبال
- أربعة مستشعرات لمراقبة ضغط الإطارات
- رسائل نظام مراقبة ضغط الإطارات المتنوعة التي تظهر في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID).
- ضوء تحذير مراقبة ضغط الإطارات

يتكون نظام مراقبة ضغط الإطارات من المكونات التالية:

- وحدة الاستقبال
- أربعة مستشعرات لمراقبة ضغط الإطارات
- ضوء تحذير مراقبة ضغط الإطارات

تحذيرات الضغط المنخفض خلال مراقبة ضغط الإطارات

سيضيء "ضوء تحذير مراقبة ضغط الإطارات" في مجموعة أجهزة القياس، وستظهر الرسالة النصية "LOW TIRE PRESSURE" (ضغط الإطار منخفض) في مجموعة أجهزة القياس، ورسالة "Inflate to XX" (انفخ الإطار إلى XX) وتصدر إشارة صوتية مسموعة عند انخفاض الضغط في واحد أو أكثر من إطارات الطريق الأربعة المستخدمة. في حالة حدوث ذلك، يجب عليك التوقف بأسرع ما يمكن وفحص ضغط الانتفاخ لكل إطار بالسيارة ونفخ كل إطار إلى قيمة ضغط الانتفاخ الإطار البارد المُوصى بها للسيارة التي تظهر في رسالة "Inflate to XX" (انفخ الإطار إلى XX). وسيقوم النظام بتحديث نفسه أوتوماتيكيًا وينطفئ "ضوء تحذير مراقبة ضغط هواء الإطارات" بمجرد تلقي النظام لضغط الإطار المحدث.

ملاحظة: عند ملء الإطارات الدافئة، قد تكون هناك حاجة إلى زيادة ضغط الإطار إلى 30 كيلوباسكال (4 أرطال لكل بوصة مربعة) إضافية أعلى من ضغط الإطار البارد المُوصى به لإيقاف تشغيل ضوء تحذير نظام مراقبة ضغط الإطارات. قد يلزم قيادة السيارة لمدة تصل إلى عشرين دقيقة بسرعة أعلى من 24 كم/الساعة (15 ميلاً/الساعة) لكي يتلقى نظام مراقبة ضغط الإطارات (TPMS) هذه المعلومات.

تحذير صيانة نظام مراقبة ضغط هواء الإطارات (TPMS)

عند اكتشاف خطأ بالنظام، يومض "ضوء تحذير مراقبة ضغط هواء الإطارات" لمدة 75 ثانية ثم يثبت في حالة الإضاءة. تصدر إشارة صوتية أيضًا عند اكتشاف خطأ بالنظام. في حالة تدوير مفتاح التشغيل، سيتكرر هذا التسلسل، معطيًا أن خطأ النظام لا يزال موجودًا. ينطفئ ضوء تحذير نظام مراقبة ضغط هواء الإطارات عند زوال الخطأ. يمكن أن يحدث خطأ النظام نتيجة لأي من الأسباب التالية:

1. التشويش بسبب الأجهزة الإلكترونية أو القيادة بالقرب من المنشآت التي تصدر عنها نفس الترددات اللاسلكية التي تصدرها مستشعرات نظام مراقبة ضغط الإطارات (TPMS).
2. تركيب نوع من الأغشية البلاستيكية للزجاج المباعة في الأسواق والتي تؤثر على إشارات الموجات اللاسلكية.
3. وجود كم كبير من الثلج حول العجلات أو مبيتات العجلات.
4. استخدام سلاسل الإطارات في السيارة.
5. استخدام عجلات/إطارات غير مزودة بمستشعرات نظام مراقبة ضغط الإطارات (TPMS).

ملاحظة: عند ملء الإطارات الدافئة، قد تكون هناك حاجة إلى زيادة ضغط الإطار إلى 30 كيلوباسكال (4 أرطال لكل بوصة مربعة) إضافية أعلى من ضغط الإطار البارد المُوصى به لإيقاف تشغيل ضوء تحذير نظام مراقبة ضغط الإطارات.

تنبيه!

- تم تحسين نظام مراقبة ضغط الإطارات (TPMS) بحيث يعمل في أفضل صورة له مع مكونات الإطارات والعجلات الأصلية. تم تحديد مستويات ضغط نظام مراقبة ضغط الإطارات (TPMS) وتحذيراته وفقًا لحجم الإطار المزود في سيارتك. قد يحدث تشغيل غير سليم للنظام أو تلف بالمستشعر عند استخدام معدات بديلة ليست بنفس الحجم أو النوع أو الشكل. قد تتسبب العجلات المباعة بالأسواق في حدوث تلف للمستشعر. قد يتسبب استخدام موانع تسرب الإطارات المباعة بالأسواق في تعطيل مستشعر نظام مراقبة ضغط الإطارات (TPMS). بعد استخدام موانع تسرب الإطارات المباعة بالأسواق يُوصى باصطحاب السيارة إلى الوكيل المعتمد ليقوم بفحص وظيفة المستشعر.

(تابع)

تنبيه! (تابع)

- بعد القيام بفحص أو ضبط ضغط الإطار، قم دائمًا بإعادة تركيب غطاء ساق الصمام. يمنع ذلك الرطوبة والقاذورات من الدخول إلى صمام الإطار، وهو الأمر الذي قد يؤدي إلى تلف مستشعر نظام مراقبة ضغط الإطارات.

ملاحظة:

- **هذا النظام لا يغني عن إجراءات العناية العادية بالإطار وصيانته كما أنه ليس معنيًا بتوفير تحذير عند حدوث تلف بالإطار.**
- **لا ينصح باستخدام نظام مراقبة ضغط الإطارات (TPMS) كعداد لقياس ضغط الإطار أثناء ضبط ضغط الإطار.**
- **إن القيادة في وجود إطار به ضغط منخفض بشكل ملحوظ تسبب زيادة حرارة الإطار وقد تؤدي إلى تعطل الإطار. كما أن انخفاض ضغط الإطار يقلل كفاءة الوقود وعمر مداس الإطار، وقد يؤثر على القدرة على قيادة السيارة وإيقافها.**
- **إن نظام مراقبة ضغط هواء الإطارات (TPMS) ليس بديلًا عن الصيانة المناسبة للإطارات، ومن مسؤولية السائق الحفاظ على ضغط الإطارات الصحيح باستخدام مقياس ضغط إطارات دقيق حتى إذا لم يصل الانخفاض في ضغط الإطارات إلى المستوى الذي يعمل على إضاءة "ضوء تحذير مراقبة ضغط هواء الإطارات".**
- **وتؤثر تغيرات درجة الحرارة الموسمية على ضغط الإطار، وسيراقب نظام مراقبة ضغط الإطارات (TPMS) ضغط الإطار الفعلي.**

النظام الأساسي

يستخدم نظام مراقبة ضغط الإطارات (TPMS) تكنولوجيا لاسلكية مع مستشعرات إلكترونية مركبة في العجلات المعدنية الداخلية لمراقبة مستويات ضغط الإطارات. حيث تنقل المستشعرات المثبتة على كل عجلة كجزء من الصمام قراءاتها لضغط الإطار إلى وحدة الاستقبال.

ملاحظة: ومن المهم بشكل خاص فحص مستويات الضغط في جميع إطارات السيارة شهريًا والحفاظ على الضغط الصحيح لها.

نظام مراقبة ضغط هواء الإطارات (TPMS)

يحذر نظام مراقبة ضغط الإطارات (TPMS) السائق من انخفاض ضغط الإطار مستندًا في ذلك إلى ضغط الإطار البارد المُوصى به.

يختلف ضغط الإطارات تبعًا لدرجة الحرارة بمقدار 1 رطل في البوصة المربعة (7 كيلو باسكال) تقريبًا لكل 12 درجة فهرنهايت (6.5 درجات مئوية). ويعني ذلك أنه عند انخفاض درجة الحرارة الخارجية، ينخفض ضغط الإطار. يجب أن يكون ضغط الإطار دائمًا مضبوطًا استنادًا إلى ضغط الإطار البارد. ويُعرف ضغط انتفاخ الإطار البارد على أنه ضغط الإطار بعد مرور ثلاث ساعات من عدم قيادة السيارة على الأقل، أو قيادتها لأقل من 1.6 كم (1 ميل) بعد فترة ثلاث ساعات. يجب ألا يتجاوز ضغط انتفاخ الإطار البارد أقصى ضغط انتفاخ مطبوع على الجدار الجانبي للإطار. راجع "الإطارات - معلومات عامة" في "البدء والتشغيل" للحصول على معلومات حول كيفية نفخ إطارات السيارة بشكل صحيح. يزداد ضغط الإطار أيضًا مع قيادة السيارة. وهذا الأمر طبيعي ولا يجب القيام بأية عمليات ضبط لهذا الضغط الزائد.

يحذر نظام مراقبة ضغط الإطارات (TPMS) السائق من انخفاض ضغط أحد الإطارات إذا انخفض ضغط الإطار عن الحد الخاص بتحذير انخفاض ضغط الإطار لأي سبب بما في ذلك تأثيرات انخفاض درجة الحرارة أو الفقدان الطبيعي للضغط داخل الإطار.

يستمر نظام مراقبة ضغط الإطارات في تحذير السائق من انخفاض ضغط الإطار طالما تواجدت نفس الظروف، ولن يتوقف حتى يصل ضغط الإطار إلى ضغط الإطار البارد المُوصى به أو أعلى من ذلك. بمجرد إضاءة ضوء تحذير انخفاض ضغط الإطار (ضوء تحذير نظام مراقبة ضغط هواء الإطارات)، يجب زيادة ضغط الإطار إلى ضغط الإطار البارد الموصى به حتى ينطفئ "ضوء تحذير نظام مراقبة ضغط هواء الإطارات".

ملاحظة: عند ملء الإطارات الدافئة، قد تكون هناك حاجة إلى زيادة ضغط الإطار إلى 30 كيلوباسكال (4 أرطال لكل بوصة مربعة) إضافية أعلى من ضغط الإطار البارد المُوصى به لإيقاف تشغيل ضوء تحذير نظام مراقبة ضغط الإطارات.

وسيقوم النظام بتحديث نفسه أوتوماتيكيًا وينطفئ "ضوء تحذير مراقبة ضغط هواء الإطارات" بمجرد تلقي النظام لضغط الإطار المحدث. قد يلزم قيادة السيارة لمدة تصل إلى عشرين دقيقة بسرعة أعلى من 24 كم/الساعة (15 ميلاً/الساعة) لكي يتلقى نظام مراقبة ضغط الإطارات (TPMS) هذه المعلومات.

على سبيل المثال، قد يكون ضغط الانتفاخ البارد المُوصى به لسيارتك الموجود في ملصق الإطار (بعد توقف السيارة لأكثر من 3 ساعات) هو 227 كيلو باسكال (33 رطلاً في البوصة المربعة). إذا كانت درجة الحرارة المحيطة هي 20 درجة مئوية (68 درجة فهرنهايت) وكان ضغط الإطار المقاس هو 193 كيلو باسكال (28 رطلاً في البوصة المربعة)، فسيؤدي انخفاض درجة الحرارة إلى 7- مئوية (20 فهرنهايت) إلى خفض ضغط الإطار إلى 165 كيلو باسكال (24 رطلاً في البوصة المربعة). وضغط الإطار هذا منخفض بما يكفي لتشغيل "ضوء تحذير مراقبة ضغط الإطارات". وقد تتسبب قيادة السيارة في ارتفاع ضغط الإطار إلى 193 كيلو باسكال (28 رطل لكل بوصة مربعة) ولكن يظل "ضوء تحذير نظام مراقبة ضغط الإطارات" في حالة تشغيل. في مثل هذا الموقف، يتوقف تشغيل "ضوء تحذير نظام مراقبة ضغط الإطارات" فقط بعد نفخ الإطارات إلى قيمة ضغط الإطار البارد المُوصى به للسيارة.

تنبيه! (تابع)

- لا بد من مراعاة تعليمات الجهة المصنعة لجهاز الجر لمعرفة طريقة التركيب والسرعة المحددة وظروف الاستخدام. استخدم دائمًا سرعة التشغيل التي تقترحها الجهة المصنعة للجهاز إذا كانت أقل من 48 كم/ساعة (30 ميلاً/الساعة).
- لا تستخدم أجهزة الجر مع إطار احتياطي صغير.

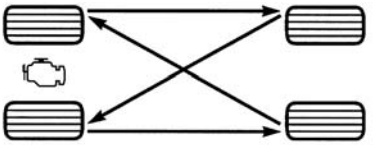
توصيات عن تغيير مواقع الإطارات

تعمل الإطارات الأمامية والخلفية للسيارة تحت أوزان مختلفة وتقوم بتأدية وظائف مختلفة لتوجيه السيارة وقيادتها وإيقافها. ولهذه الأسباب، فإنها تبلى بمعدلات غير متساوية.

ويمكن تقليل تلك المؤثرات بتغيير مواقع الإطارات بين فترة وأخرى. وتعتبر فوائد تغيير مواقع الإطارات ملموسة خاصة في الإطارات ذات أشكال المداسات العميقة كتلك التي تستعمل في الإطارات الخاصة بكل الفصول التي تستعمل على الطرق العادية والطرق الوعرة. تغيير مواقع الإطارات يزيد من عمر مداسات الإطار ويساعدها في توفير سحب عالٍ في الطين والثلج والمطر ويساهم في توفير قيادة مريحة وهادئة.

راجع "كتيب الخدمة والضمان" للتعرف على فترات الصيانة الصحيحة. ويجب تصحيح أي خطأ يؤدي إلى تلف سريع أو غير اعتيادي للإطارات قبل القيام بتغيير مواقعها.

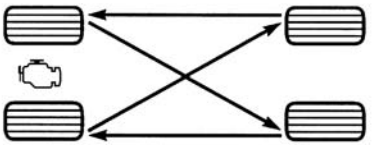
طريقة تغيير مواقع الإطارات المقترحة في السيارات ذات الدفع الأمامي (FWD) هي طريقة "التقاطع الخلفي" الموضحة في الشكل التالي. لا ينطبق نمط التدوير هذا على بعض الإطارات ذات الاتجاه الواحد التي يجب عدم عكس وضعها.



055707139

تغيير مواقع الإطارات في السيارات ذات الدفع الأمامي (FWD)

طريقة تغيير مواقع الإطارات المقترحة في السيارات ذات الدفع الرباعي (4WD) هي طريقة "التقاطع الأمامي" الموضحة في الشكل التالي.



055703771

تغيير مواقع الإطارات في السيارات ذات الدفع الرباعي (4WD)

تنبيه!

يعتمد التشغيل الصحيح لسيارات الدفع الرباعي على الإطارات ذات الحجم والنوع ومحيط العجلة المتساوي. أي تغيير في حجم الإطار يمكن أن يؤدي إلى حدوث تلف في وحدة نقل الطاقة. ينبغي الالتزام بجدول تغيير مواقع الإطارات لموازنة تآكل الإطارات.

(تابع)

طُرز بخلاف Trailhawk ذات الدفع الرباعي (4WD) بدون وحدة توصيل الطاقة ثنائية السرعة

- المعدات الأصلية ذات أحجام الإطارات 225/60R17 و225/55R18 لا يستخدم بها السلاسل.
- يسمح باستخدام سلاسل الثلج بقياس 9 مم مع استخدام الإطارات 215/60R17 على حجم العجلات 17 × 7.0 من النوع ET41.

طُرز بخلاف Trailhawk ذات الدفع الرباعي (4WD) مع وحدة توصيل الطاقة ثنائية السرعة

- يسمح باستخدام سلاسل الثلج بقياس 7 مم مع استخدام الإطارات 225/60R17 و225/55R18.

طُرز Trailhawk ذات الدفع الرباعي (4WD)

- يسمح باستخدام سلاسل الثلج بقياس 9 مم مع استخدام الإطارات 225/65R17 على حجم العجلات 17 × 7.5 من النوع ET31.

تنبيه!

- استخدامها على الإطارات الأمامية فقط
- قد يحدث تلف لطُرز الدفع الأمامي (FWD) في حالة استخدام سلاسل الإطارات أو أجهزة الجر مع إطارات بحجم إطارات المعدة الأصلية.
- قد يحدث تلف لطُرز الدفع الرباعي (4WD) غير المزودة بوحدة توصيل الطاقة ثنائية السرعة في حالة استخدام سلاسل الإطارات أو أجهزة الجر مع إطارات بحجم إطارات المعدة الأصلية.
- قد يحدث تلف لطُرز الدفع الرباعي (4WD) و طُرز Trailhawk في حالة استخدام سلاسل الإطارات أو أجهزة الجر مع إطارات بحجم إطارات المعدة الأصلية.

تحذير!

قد يؤدي استخدام كابلات من حجم أو نوع مختلف (M+S أو Snow) بين المحور الأمامي والمحور الخلفي إلى حدوث إجراء غير متوقع. من الممكن أن تفقد السيطرة على السيارة مما يعرضك لوقوع تصادم.

تنبيه!

لتفادي حدوث أضرار لسيارتك أو إطاراتها يجب مراعاة الاحتياطات التالية:

- نظرًا للخلوص المحدود لجهاز الجر بين الإطارات وأجزاء التعليق الأخرى، من الضروري استخدام أجهزة جر جيدة فقط. فالأجهزة التالفة يمكن أن تؤدي إلى إلحاق أضرار جسيمة بالسيارة. أوقف السيارة فورًا إذا سمعت صوتًا يشير إلى انقطاع جهاز الجر. وتخلص من الأجزاء التالفة من جهاز الجر قبل استخدامه مرة ثانية.
- قم بتركيب الجهاز بأقصى إحكام ممكن ثم أحكم ربطها مجددًا بعد قيادة السيارة لمسافة نصف ميل (0.8 كم) تقريبًا.
- لا تتجاوز سرعة 48 كم/ساعة (30 ميلاً/الساعة).
- كن حذرًا عند القيادة وتجنب الانعطاف الشديد والحفر الكبيرة خاصة عند تحميل السيارة.
- لا تقم بقيادة السيارة لفترة طويلة على طريق جاف.

(تابع)

مخطط حجم الإطارات الموجود في القسم "معلومات أمان الإطار" من هذا الدليل للتعرف على المزيد من المعلومات التي تخص صنف التحميل ورمز السرعة للإطار.

يُوصى باستبدال الإطاريين الأماميين أو الإطارين الخلفيين كزوجين. حيث قد يكون لاستبدال إطار واحد تأثير سلبيًا على التحكم في السيارة. إذا قمت باستبدال عجلة، فتأكد من تطابق مواصفات العجلة مع مواصفات العجلات الأصلية.

يُوصى بالاتصال بوكيل الإطارات أو وكيل المعدات الأصلية المعتمد للإجابة على أي أسئلة لديك حول مواصفات أو قدرات الإطارات. يؤثر عدم استخدام إطارات بديلة مكافئة على مستويات السلامة والتوجيه وقيادة السيارة.

تحذير!

- لا تستعمل إطارات أو عجلات ذات حجم أو درجات تقييم تختلف عما هو موصوف للاستخدام في سيارتك. فقد يؤدي استخدام نوعيات غير موافق عليها من الإطارات أو العجلات إلى تغيير مقاييس التعليق وخصائص الأداء مما يسفر عن تغييرات في توجيه

(تابع)

تحذير! (تابع)

السيارة والسيطرة عليها وأداء الفرامل. هذا قد يسبب تغييرات في توجيه السيارة وتسليط جهد على أجزاء عجلة القيادة والتعليق. ومن الممكن أن تفقد السيطرة على السيارة وأن تتعرض لحادث يؤدي إلى إصابات خطيرة أو الوفاة. استعمل فقط الإطارات والعجلات بالأحجام ومعدلات التحميل التي يوافق على استخدامها لسيارتك.

- لا تستخدم إطارًا ذي معامل حمل صغير أو قدرة صغيرة بخلاف الإطار الأصلي المزود مع السيارة. يؤدي استخدام إطار ذي معامل حمل صغير إلى زيادة حمل الإطار وتلفه. من الممكن أن تفقد السيطرة على السيارة مما يعرضك لوقوع تصادم.
- إن عدم تزويد السيارة بإطارات ذات قدرة متناسبة مع السرعة يمكن أن يؤدي إلى تمزق مفاجئ للإطار وفقدان السيطرة على السيارة.

تنبيه!

استبدال الإطارات الأصلية بإطارات ذات أحجام مختلفة قد يسبب قراءة خاطئة لعداد السرعة وعداد المسافة.

سلاسل الإطارات (أجهزة السحب)

يتطلب استخدام أجهزة السحب خلوصًا كافيًا من الإطار إلى الهيكل. اتبع هذه التوصيات لتجنب حدوث التلف.

- يجب أن يتناسب حجم جهاز الجر مع حجم الإطار كما أوصت الجهة المصنعة لجهاز السحب
- استخدامها على الإطارات الأمامية فقط
- نظرًا للخلوص المحدود، يُوصى بأجهزة السحب التالية:

طُرز الدفع الأمامي (FWD)

- المعدات الأصلية ذات أحجام الإطارات 225/60R17 و225/55R18 لا يستخدم بها السلاسل.
- يسمح باستخدام سلاسل الثلج بقياس 7 مم مع استخدام الإطارات 215/60R17 على حجم العجلات 17 × 7.0 من النوع ET41.

مؤشرات تلف المداسات

إن هذه المؤشرات موضوعة في الإطارات الأصلية في السيارة لمساعدتك في تحديد الوقت الذي يجب استبدال الإطار فيه.

055007576

1— إطار بال

2— إطار جديد

هذه المؤشرات محفورة في أسفل حزوز المداسات. وستظهر في شكل أشرطة عندما يصل عمق المداس إلى 2 مم (1/16 بوصة). عند بلي المداسات والوصول إلى مؤشرات بلي المداسات، يجب استبدال الإطار. راجع "استبدال الإطارات" في هذا القسم للحصول على مزيد من المعلومات.

عمر الإطار

يعتمد عمر خدمة الإطار على عوامل متنوعة ويشمل ذلك على سبيل المثال لا الحصر:

- أسلوب القيادة.
- ضغط الإطارات - يمكن أن يؤدي ضغط الانتفاخ البارد غير المناسبة إلى تلف غير متساو في مداسات الإطار. مما يؤدي إلى تقليل عمر الإطار والحاجة إلى تبديله في وقت مبكر.
- مسافة القيادة.
- إطارات الأداء، الإطارات ذات تقييم السرعة الأعلى V أو أعلى، وإطارات الصيف، لها عمر مداسات محدود بصورة نموذجية. يُوصى بشدة بتدوير هذه الإطارات حسب ما هو موضح في كتيب الضمان والصيانة للسيارة.

تحذير!

يجب استبدال الإطارات والإطارات الاحتياطية بعد ستة أعوام، بغض النظر عن عمر المداسات. ويؤدي عدم اتباع هذا التحذير إلى حدوث عطل مفاجئ بالإطار. ومن الممكن أن تفقد السيطرة على السيارة وأن تتعرض لحادث يؤدي إلى إصابات خطيرة أو الوفاة.

احتفظ بالإطارات غير المركبة في مكان بارد وجاف مع أقل قدر ممكن من التعريض للضوء. قم بحماية الإطارات من الاتصال مع الزيت والشحم والبنزين.

استبدال الإطارات

توفر الإطارات المزودة بها سيارتك الجديدة موازنة ذات مميزات عديدة. ويجب فحصها في فترات منتظمة بحثًا عن تلف بها وتصحيح ضغط انتفاخ الإطار البارد. وتوصي الجهة المصنعة بشدة باستخدام إطارات ذات جودة وأداء مشابهين للإطارات الأصلية عندما يلزم استبدالها. راجع الفقرة حول "مؤشرات تلف المداسات." راجع ملصق معلومات الإطار والتحميل أو ملصق شهادة توثيق السيارة لمعرفة الحجم المحدد للإطار. يوجد صنف التحميل ورمز السرعة للإطار على جدار الإطار الأصلي. راجع مثال

الإطار الاحتياطي ذو الحجم الكامل — إذا كانت السيارة مزودة بذلك

تم تصميم الإطار الاحتياطي الصغير ذو الحجم الكامل للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. قد يبدو هذا الإطار مثل الإطار الأصلي المزود على محور الدوران الأمامي أو الخلفي للسيارة ولكنه ليس هو. إن هذه الإطارات الاحتياطية قد يكون لها عمر مداسات محدود. عند بلي المداسات والوصول إلى مؤشرات بلي المداسات، يجب استبدال الإطار الاحتياطي المؤقت ذو الحجم الكامل. ونظرًا لأنه لا يماثل الإطار الأصلي، فقم باستبدال (أو إصلاح) الإطار الأصلي وإعادة تركيبه في السيارة في أول فرصة.

الإطار الاحتياطي محدود الاستخدام — إذا كانت السيارة مزودة بذلك

يُستخدم الإطار الاحتياطي محدود الاستخدام في حالات الطوارئ بصفة مؤقتة فقط. ويم تمييز هذا الإطار بملصق موجود بعجلة الإطار الاحتياطي محدود الاستخدام. ويحتوي هذا الملصق على القيود المتعلقة بالقيادة بالنسبة لهذا الإطار الاحتياطي. قد يبدو هذا الإطار مثل الإطار الأصلي المزود على محور الدوران الأمامي أو الخلفي للسيارة ولكنه ليس هو. يؤثر تركيب هذا الإطار الاحتياطي محدود الاستخدام على إمكانية التحكم في السيارة. ونظرًا لأنه لا يماثل الإطار الأصلي، فقم باستبدال (أو إصلاح) الإطار الأصلي وإعادة تركيبه في السيارة في أول فرصة.

تحذير!

حيث قد تم تصميم الإطارات الاحتياطية محدودة الاستخدام للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. يؤثر تركيب هذا الإطار الاحتياطي محدود الاستخدام على إمكانية التحكم في السيارة. أثناء تركيب هذا الإطار، لا تقد السيارة بسرعة تتجاوز السرعات المقررة لعجلات الإطارات الاحتياطية محدودة الاستخدام. احتفظ بنفخ الإطار على مستوى ضغط انتفاخ الإطار البارد المذكور على ملصق معلومات الإطار والتحميل على العمود الفاصل بين النوافذ (ب) جهة السائق أو على الحافة الخلفية لباب السائق. استبدل (أو أصلح) الإطار الأصلي في أول فرصة وأعد تركيبه في السيارة. يؤدي عدم القيام بذلك إلى فقدان السيطرة على السيارة.

دوران الإطار السريع

لا تقم بتدوير عجلات السيارة بسرعة أعلى من 30 ميلاً/الساعة (48 كم/ساعة) أو لمدة أطول من 30 ثانية بشكل مستمر دون توقف إذا كانت السيارة عالقة في الطين أو الرمل أو الجليد.

راجع "تحرير سيارة عالقة" في "ما يجب أن تفعله في الحالات الطارئة" للحصول على مزيد من المعلومات.

تحذير!

إدارة الإطارات بسرعة يمكن أن يشكل خطرًا كبيرًا. حيث يمكن أن تؤدي القوة الناجمة عن السرعات العالية للعجلات إلى إتلاف محور الدوران والإطارات أو حدوث خلل. وقد ينفجر الإطار ويسبب الإصابة لشخص ما. لا تقم بتدوير عجلات السيارة بسرعة أكبر من 48 كم/ساعة (30 ميلاً/ساعة) أو لأكثر من 30 ثانية متواصلة عندما تكون عالقًا ولا تترك أي شخص بالقرب من العجلة عند تدويرها أيًا كانت السرعة.

(تابع)

لا يُوصى بقيادة سيارة محملة بكامل سعتها أو بسحب مقطورة أثناء التواجد في وضع التشغيل عند فراغ الهواء من الإطارات.

راجع قسم "مراقبة ضغط الإطارات" للتعرف على مزيد من المعلومات.

الإطارات الاحتياطية - إذا كانت السيارة مزودة بذلك

ملاحظة: بالنسبة للسيارات المزودة بعدة لحام الإطار بدلًا من الإطار الاحتياطي، يُرجى الرجوع إلى "عدة لحام الإطار" في "ما يجب أن تفعله في الحالات الطارئة" للحصول على مزيد من المعلومات.

تنبيه!

ونظرًا للخلوص المنخفض، لا تمر بالسيارة من خلال مغسلة سيارات أوتوماتيكية أثناء تركيب الإطار الاحتياطي المؤقت الصغير أو الخاص بالاستخدام المحدود. فقد تتعرض السيارة للتلف.

الإطار الاحتياطي يطابق الإطارات الأصلية من حيث الإطار والعجلة — إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بإطار احتياطي وعجلة احتياطية تشبه في الشكل والوظيفة للإطار والعجلة بالمعدة الأصلية والموجود في المحور الأمامي أو الخلفي بسيارتك. وقد يتم استخدام هذا الإطار الاحتياطي في عملية تغيير مواقع الإطارات. إذا كانت السيارة مزودة بهذا الخيار، فراجع وكيل الإطارات المعتمد للتعرف على نمط تغيير مواقع الإطارات المُوصى به.

الإطار الاحتياطي الصغير — إذا كانت السيارة مزودة بذلك

تم تصميم الإطار الاحتياطي الصغير للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. يمكنك معرفة ما إذا كانت السيارة مزودة بإطار احتياطي مضغوط بالنظر إلى وصف الإطار الاحتياطي الموجود بملصق معلومات الإطار والتحميل الموجود بفتحة باب السائق أو الجدار الجانبي للإطار. حيث تبدأ مواصفات الإطار الاحتياطي المضغوط بحرف "T" أو "S" يسبق علامة الحجم. مثال: T145/80D18 103M.

T، S = إطار احتياطي مؤقت

وحيث إن العمر المتوقع لهذا الإطار قصير، يجب تصليح (أو تبديل) الإطار الأصلي وإعادة تركيبه بالسيارة في أقرب وقت ممكن.

ولا تركب غلافًا للعجلة أو إطارًا أصليًا على عجلة الإطار الاحتياطي الصغير وذلك لأن العجلة مصممة خصيصًا للإطار الاحتياطي الصغير. لا تقم بتركيب أكثر من إطار وعجلة احتياطية صغيرة واحدة في السيارة في الوقت نفسه.

تحذير!

حيث قد تم تصميم الإطارات الاحتياطية الصغيرة للاستخدام في الحالات الطارئة بصفة مؤقتة فقط. وعند تركيب هذه الإطارات الاحتياطية لا تقد السيارة بسرعة تزيد عن 80 كم/الساعة (50 ميلا/الساعة). إن الإطارات الاحتياطية المؤقتة لها عمر مداسات محدود. عند بلي المداسات والوصول إلى مؤشرات بلي المداسات، يجب استبدال الإطار الاحتياطي المخصص للاستخدام المؤقت. احرص على مراعاة التحذيرات التي تنطبق على الإطار الاحتياطي. وإن عدم القيام بذلك يمكن أن يؤدي إلى عطل الإطار الاحتياطي وفقدان السيطرة على السيارة.

لن تتضمن إطارات الصيف تصميم إطارات جميع الفصول أو رمز الجبل/الرقاقة الثلجية على الجدار الجانبي للإطار. استخدم إطارات الصيف في مجموعات من أربعة إطارات حتى لا يؤثر ذلك عكسيًا على أمان السيارة وإمكانية التعامل معها.

تحذير!

لا تستخدم إطارات الصيف في ظروف الجليد/الثلج. فقد تفقد التحكم في السيارة مما يتسبب في حدوث إصابة خطيرة أو الوفاة. كما ينشأ أيضًا عن القيادة بسرعة كبيرة لظروف معينة احتمال فقدان التحكم في السيارة.

إطارات الجليد

تتطلب بعض مناطق البلاد استخدام إطارات الجليد أثناء الشتاء. يمكن التعرف على إطارات الجليد من خلال رمز "الجبل/الرقاقة الثلجية" على الجدار الجانبي للإطار.

إذا دعت الحاجة إلى استخدام إطارات الجليد، فمن الضروري اختيار إطارات مكافئة في الحجم والنوع للإطارات الأصلية. استخدم إطارات الثلج في مجموعات من أربعة إطارات حتى لا يؤثر ذلك عكسيًا على أمان السيارة وإمكانية التعامل معها.

لإطارات الجليد معدلات سرعة أقل من تلك الخاصة بالإطارات الأصلية ولا يجب استخدامها بشكل مستمر على سرعات أكبر من 75 ميلاً/الساعة (120 كم/ساعة). بالنسبة للسرعات أعلى من 75 ميلاً/الساعة (120 كم/ساعة)، راجع المعدات الأصلية أو وكيل إطارات معتمد للتعرف على سرعات التشغيل الآمنة المُوصى بها والتحميل ومستويات نفخ الإطارات الباردة.

على الرغم من أن الإطارات المزودة بمسامير تحسن من الأداء على الثلج والقدرة على الانزلاق والجر على الأرض المبللة والجافة، قد تكون أسطح الطرقات أسوأ من الأسطح المناسبة للإطارات غير المزودة بمسامير. تحظر بعض الدول الإطارات المزودة بمسامير ولذلك يجب التحقق من القوانين المحلية قبل استخدام هذه الإطارات.

التشغيل عند فراغ الهواء من الإطارات – إذا كانت السيارة مزودة بذلك

يتيح لك التشغيل عند فراغ الهواء من الإطارات إمكانية القيادة لمسافة 50 ميلاً (80 كم) بعد الفقد السريع لضغط الانتفاخ. يشار لهذا الفقد السريع لضغط الانتفاخ بوضع التشغيل عند فراغ الهواء من الإطارات. يحدث وضع التشغيل عند فراغ الهواء من الإطارات عندما يكون ضغط انتفاخ الإطارات 14 رطلاً لكل بوصة مربعة (96 كيلو باسكال) أو أقل من ذلك. بمجرد أن يصل التشغيل عند فراغ الهواء من الإطارات إلى وضع التشغيل عند فراغ الهواء من الإطارات، سيكون لديك إمكانيات قيادة محدودة وستحتاج إلى استبدال الإطارات على الفور. الإطار الذي يعمل عند فراغه من الهواء يكون غير قابلاً للإصلاح.

تحذير!

من الخطر قيادة سيارة محملة بأقصى حمولة بسرعة عالية. فالوزن المضاف على إطارات سيارتك يمكن أن يسبب تلفها. وقد تتعرض لحادث تصادم خطير نتيجة لذلك. لا تقم بقيادة سيارة محملة إلى أقصى سعة لها بسرعات متواصلة أعلى من 120 كم/ساعة (75 ميلاً/ساعة).

الإطارات ذات الطيات القطرية

تحذير!

إن استخدام إطارات بطيات قطرية مع إطارات اعتيادية يؤدي إلى تقليل تجاوب سيارتك لحركة عجلة القيادة. قد يتسبب عدم الاستقرار هذا في وقوع حادث. استخدم دائمًا الإطارات ذات الطيات القطرية في مجموعات من أربع إطارات. ولا تستخدم معها أبدًا إطارات من نوع آخر.

إصلاح الإطارات

إذا أصبح الإطار تالفًا، فقد يتم إصلاحه في حالة الوفاء بالمعايير التالية:

- لم تتم قيادة السيارة والإطار فارغ من الهواء.
- التلف موجود فقط في جزء المداسات من الإطار (لا يمكن إصلاح التلف الحادث بالجدار الجانبي للإطار).
- الثقب لم يتجاوز ربع بوصة (6 مم).

استشر وكيل الإطارات المعتمد للتعرف على إصلاحات الإطارات والمعلومات الإضافية.

يجب استبدال الإطارات التالفة التي تم تشغيلها عند فراغها من الهواء أو الإطارات المفرغة من الهواء التي عانت من نقص الضغط فورًا بإطارات تعمل عند فراغها من الهواء من نفس الحجم ووصف الخدمة (صنف التحميل ورمز السرعة).

أنواع الإطارات

إطارات جميع الفصول — إذا كانت السيارة مزودة بذلك

توفر إطارات جميع الفصول الجر في جميع الفصول (الربيع والصيف والخريف والشتاء). قد تتنوع مستويات الجر بين إطارات جميع الفصول المختلفة. يمكن التعرف على إطارات جميع الفصول من خلال تصميم M+S أو M&S أو M/S أو MS على الجدار الجانبي للإطار. استخدم إطارات جميع الفصول في مجموعات من أربعة إطارات حتى لا يؤثر ذلك عكسيًا على أمان السيارة وإمكانية التعامل معها.

إطارات الصيف أو الفصول الثلاثة — إذا كانت السيارة مزودة بذلك

توفر إطارات الصيف الجر في كل من الظروف الرطبة والجافة، وليست مخصصة للقيادة في الثلج أو الجليد. إذا كانت السيارة مزودة بإطارات الصيف، فينبغي الانتباه إلى أن هذه الإطارات ليست مصممة للقيادة في الشتاء أو ظروف القيادة في الطقس البارد. قم بتركيب إطارات الشتاء في سيارتك عندما تكون درجات حرارة المحيطة أقل من 5 درجات مئوية (40 درجة فهرنهايت) أو إذا كانت الطرق مغطاة بالجليد أو الثلج. للتعرف على مزيد من المعلومات، اتصل بالوكيل المعتمد.

الراحة عند الركوب واستقرار السيارة

يساهم الانتفاخ المناسب للإطارات في توفير ركوب مريح. وتسبب زيادة الانتفاخ ارتجاجًا مفاجئًا وركوبًا غير مريح.

ضغط الهواء في الإطارات

يتم توضيح ضغط انتفاخ الإطار البارد على العمود "ب" الفاصل بين النوافذ الموجود ناحية السائق أو على الحافة الخلفية لباب السائق.

مرة في الشهر على الأقل:

- تحقق من ضغط الإطار واضبطه باستخدام مقياس عالي الجودة من النوع الجيبي للتحقق من الضغط. لا تعتمد على النظر عند تحديد مستوى الانتفاخ المناسب. قد تبدو الإطارات منتفخة بشكل صحيح حتى إذا كانت غير منتفخة بشكل كاف.
- افحص الإطارات بحثًا عن وجود دلائل على تآكل الإطار أو تلف مرئي.

تنبيه!

بعد القيام بفحص أو ضبط ضغط الإطار، قم دائمًا بإعادة تركيب غطاء ساق الصمام. سيؤدي ذلك إلى منع الرطوبة والأوساخ من الدخول إلى أنبوب الصمام، مما قد يؤدي إلى تلفه.

تمثل قيم ضغط الانتفاخ المحددة على الملصق "ضغط انتفاخ الإطار البارد". ويعرف ضغط الانتفاخ البارد بأنه ضغط الإطار بعد التوقف عن قيادة السيارة لثلاث ساعات على الأقل أو قيادتها لمسافة أقل من 1.6 كم (1 ميل) بعد فترة ثلاث ساعات من التوقف. يجب ألا يتجاوز ضغط انتفاخ الإطار البارد أقصى ضغط انتفاخ مطبوع على الجدار الجانبي للإطار.

افحص مستويات ضغط الإطارات في فترات أقصر إذا كان الإطار عرضة لدرجات حرارة خارجية متغيرة بشكل كبير حيث تتغير ضغوط الإطارات مع تغير درجات الحرارة.

يتغير ضغط الإطار حوالي 7 كيلو باسكال (1 رطلاً لكل بوصة مربعة) لكل تغير في درجة الحرارة مقداره 7 درجات مئوية (12 درجة فهرنهايت). يجب عليك تذكر هذا الأمر عند القيام بفحص ضغط إطار السيارة بداخل المرآب خصوصًا في فصل الشتاء.

مثال: إذا كانت درجة حرارة المرآب = 20 درجة مئوية (68 فهرنهايت) ودرجة الحرارة الخارجية = صفر مئوية (32 فهرنهايت)، فيجب زيادة ضغط انتفاخ الإطار البارد بمقدار 21 كيلو باسكال (3 أرطال لكل بوصة مربعة) وهو ما يساوي 7 كيلو باسكال (1 رطلاً لكل بوصة مربعة) لكل 7 درجات مئوية (12 درجة فهرنهايت) للتناسب مع درجة الحرارة الخارجية.

وقد يزداد ضغط الإطار من 2 إلى 6 أرطال لكل بوصة مربعة (13 إلى 40 كيلو باسكال) أثناء الاستخدام. لا تقم بتقليل هذا الازدياد الطبيعي لأن ضغط الإطار سيصبح قليلاً جدًا.

ضغط الإطار للتشغيل بسرعة عالية

تنصح الجهة المصنعة بقيادة السيارة بسرعة سليمة وحسب القوانين الملزمة. وعندما تسمح الظروف أو قوانين تحديد السرعة بقيادة السيارة بسرعة عالية يعتبر تعديل ضغط الهواء في الإطارات أمرًا مهمًا. قد يلزم زيادة ضغط الإطار وخفض حمولة السيارة لتشغيل السيارة بسرعات عالية. راجع وكيل الإطارات أو وكيل المعدات الأصلية للسيارات المعتمد للتعرف على سرعات التشغيل الآمنة المُوصى بها والتحميل ومستويات نفخ الإطارات الباردة.

تحذير!

إن وضع ثقل أكبر من اللازم على الإطارات يعتبر أمرًا خطيرًا. فقد تتسبب زيادة الحمولة عن الحد المقرر في حدوث مشكلة بالإطار أو التأثير على التعامل مع السيارة أو زيادة المسافة اللازمة لإيقاف السيارة. استخدم إطارات ذات قدرة تحميل مُوصى بها لسيارتك. ولا تحملها أكثر من قدرتها أبدًا.

الإطارات - معلومات عامة

ضغط الإطار

يعتبر ضغط الهواء المناسب لإطاراتك مهمًا جدًا لتوفير تشغيل سليم ومرض لسيارتك. وهناك أربعة أمور أساسية تتأثر بضغط هواء الإطارات غير الصحيح وهي كما يلي:

- سلامة السيارة واستقرارها
- ترشيد الاستهلاك
- تلف المداسات
- الراحة عند الركوب

السلامة

تحذير!

- نفخ الإطارات بصورة غير صحيحة يعتبر خطيرًا ويمكن أن يؤدي إلى وقوع حوادث.
- قلة ضغط الهواء في الإطار تزيد من تمدد الإطار وقد تؤدي إلى زيادة سخونته وتلفه.
- تقلل زيادة ضغط الهواء في الإطار من قابلية الإطار على تخفيف الصدمات. وقد تسبب الأشياء والحفر الموجودة في الطريق تلفًا في الإطار.
- قد تؤثر الإطارات ذات مستويات الانتفاخ الزائدة أو المنخفضة على إمكانية التحكم في السيارة وقد تتلف فجأة مؤدية إلى فقدان السيطرة على السيارة.
- عدم تساوي الضغط في الإطارات يمكن أن يسبب مشاكل في توجيه عجلة القيادة. وبالتالي قد تفقد السيطرة على السيارة.
- قد يتسبب اختلاف ضغط هواء الإطارات بين أحد جانبي السيارة والجانب الآخر في انحراف السيارة إلى اليمين أو اليسار.
- احرص على قيادة السيارة دائمًا عندما يكون كل إطار منتفخًا إلى ضغط انتفاخ الإطار البارد.

يؤثر كل من الانتفاخ المنخفض والزائد على استقرار السيارة ومن الممكن أن يولد شعورًا ببطء الاستجابة أو سرعتها.

ملاحظة:

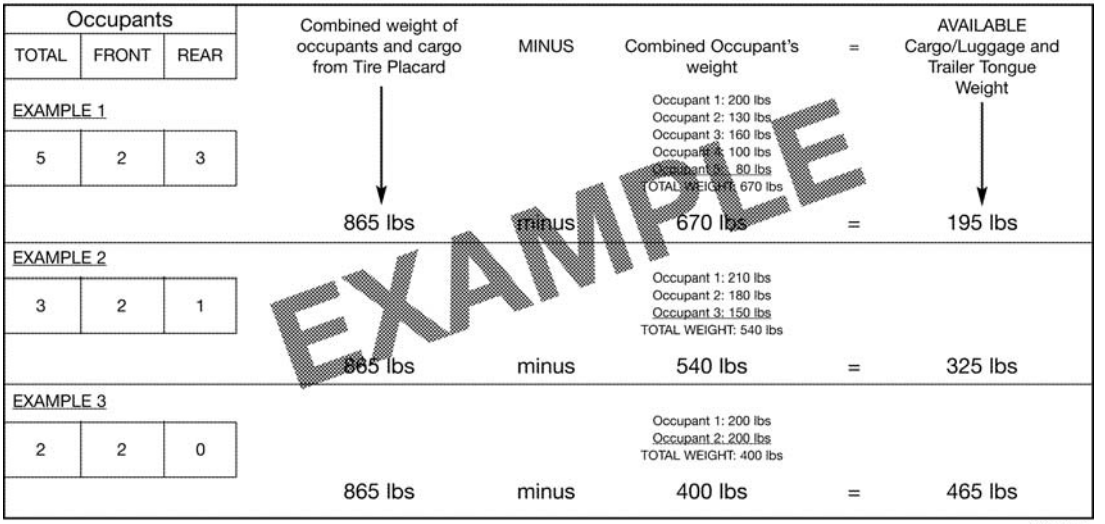
- **يمكن أن تؤدي ضغوط الإطارات غير المتساوية من أحد جانبي السيارة إلى انحراف السيارة إلى اليمين واليسار فجأة وعدم السيطرة على عجلة القيادة.**
- **يمكن أن تؤدي ضغوط الإطارات غير المتساوية إلى انحراف السيارة إلى اليمين واليسار.**

ترشيد الاستهلاك

يُزيد انخفاض مستوى انتفاخ الإطار من مقاومة الإطار للدوران مما يؤدي إلى زيادة في استهلاك الوقود.

تلف المداسات

قد يتسبب ضغط الانتفاخ البارد غير الصحيح في تلف غير عادي للأنماط وتقليل عمر مداسات الإطار، مما يؤدي إلى الحاجة إلى استبدال الإطار مبكرًا.


Occupants
TOTAL
FRONT
REAR
Combined weight of occupants and cargo from Tire Placard
MINUS
Combined Occupant's weight
=
AVAILABLE Cargo/Luggage and Trailer Tongue Weight
EXAMPLE 1
5
2
3
Occupant 1: 200 lbs
Occupant 2: 130 lbs
Occupant 3: 160 lbs
Occupant 4: 100 lbs
Occupant 5: 80 lbs
TOTAL WEIGHT: 670 lbs
865 lbs
minus
670 lbs
=
195 lbs
EXAMPLE 2
3
2
1
Occupant 1: 210 lbs
Occupant 2: 180 lbs
Occupant 3: 150 lbs
TOTAL WEIGHT: 540 lbs
865 lbs
minus
540 lbs
=
325 lbs
EXAMPLE 3
2
2
0
Occupant 1: 200 lbs
Occupant 2: 200 lbs
TOTAL WEIGHT: 400 lbs
865 lbs
minus
400 lbs
=
465 lbs
EXAMPLE

811a4d11

التحميل

لا يجب أن تتجاوز أقصى حمولة على السيارة قدرة الحمولة لإطارات سيارتك. ولن تتجاوز سعة الحمولة للإطار إذا التزمت بظروف التحميل وحجم الإطار وضغط الانتفاخ البارد المحدد على ملصق "معلومات الإطار والتحميل" وفي قسم "تحميل السيارة" ضمن هذا الدليل.

ملاحظة: في ظروف تحميل السيارة بأقصى حمولة لها، لا يجب تجاوز معدلي الوزن الإجمالي لمحوري الدوران الأمامي والخلفي. لمزيد من المعلومات حول معدل الوزن الإجمالي لمحور الدوران وتحميل السيارة وسحب المقطورة، راجع قسم "تحميل السيارة" في هذا القسم.

لتحديد ظروف التحميل القصوى للسيارة، ابحث عن عبارة "The combined weight of occupants and cargo should never exceed XXX lbs or XXX kg" (مجموع أوزان الركاب والحمولات يجب ألا يتجاوز XXX كجم أو XXX رطل) في ملصق معلومات الإطار والتحميل. يجب ألا يتجاوز الوزن الإجمالي للركاب والحمولة/الأمتعة ولسان سحب المقطورة (إذا وجد) الوزن المشار إليه في الملصق.

خطوات تحديد الحد الأقصى الصحيح للحمولة

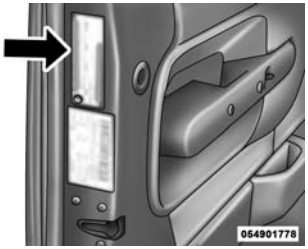
1. ابحث عن عبارة "The combined weight of occupants and cargo should never exceed XXX lbs or XXX kg" (مجموع أوزان الركاب والحمولات يجب ألا يتجاوز XXX كجم أو XXX رطل) على ملصق سيارتك.
2. حدد مجموع أوزان السائق والركاب الذين سيركبون في سيارتك.
3. اطرح مجموع أوزان السائق والركاب من XXX كجم أو XXX رطل.
4. الرقم الناتج يساوي المقدار المتاح من الحمولة والحقائب التي يمكن نقلها. على سبيل المثال، إذا كانت الحمولة "XXX" تعادل 635 كجم (1400 رطل) سيكون هناك خمسة ركاب وزنهم 68 كجم (150 رطلاً) في سيارتك، والمقدار المتاح من الحمولة والحقائب التي يمكن نقلها هو 295 كجم (650 رطلاً) (حيث 5 × 68 كجم (150 رطلاً) = 340 كجم (750 رطل)، و635 كجم (1400 رطل) - 340 كجم (750 رطل) = 295 كجم [650 رطلاً]).
5. حدد مجموع أوزان الحقائب والحمولة التي يتم تحميلها في سيارتك. يجب ألا يتعدى ذلك الوزن سعة نقل الحمولة والحقائب التي تم حسابها في الخطوة رقم 4.

ملاحظة:

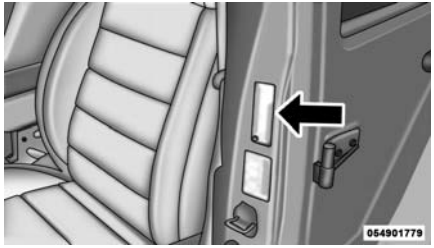
- **إذا كانت سيارتك ستسحب مقطورة، فإن أحمال المقطورة ستنتقل إلى سيارتك. يعرض الجدول التالي أمثلة على كيفية حساب إجمالي الحمولة والأمتعة وقدرة السحب للسيارة في ظل أوضاع مختلفة للمقاعد ولأعداد الركاب وأحجامهم. هذا الجدول لأغراض توضيحية فقط وقد لا يكون دقيقًا فيما يتعلق بسعة المقاعد والحمولة في سيارتك.**
- **يجب ألا يتجاوز الوزن الإجمالي للركاب والحمولة في هذا المثال 392 كجم (865 رطل).**

موقع ملصق معلومات الإطار والتحميل

ملاحظة: يتم توضيح ضغط انتفاخ الإطار البارد على العمود "ب" الفاصل بين النوافذ الموجود ناحية السائق أو على الحافة الخلفية لباب السائق.



مثال لموقع ملصق الإطار (الباب)



مثال لموقع ملصق الإطار (العمود الفاصل بين النوافذ (ب))

ملصق معلومات الإطار والتحميل

TIRE AND LOADING INFORMATION

SEATING CAPACITY - TOTAL 5 FRONT 2 REAR 3 ◄1

THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED XXX KG OR XXX LBS. ◄2

TIRE	FRONT	REAR	SPARE
ORIGINAL TIRE SIZE	P195/70R14	P195/70R14	T125/70D15 ◄3
COLD TIRE INFLATION PRESSURE	200kPa, 29PSI	200kPa, 29PSI	420kPa, 60PSI ◄4

SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION

4N109268

811b5a9a

ملصق معلومات الإطار والتحميل

يعطي هذا الملصق معلومات هامة حول:

1. عدد الأشخاص التي يمكن حملها في السيارة.
2. الوزن الإجمالي الذي يمكن أن تحمله السيارة.
3. حجم الإطار المصمم للسيارة.
4. قيم ضغط نفخ الإطارات الباردة الأمامية والخلفية والإطارات الاحتياطية.

المصطلح	التعريف
العمود الفاصل بين النوافذ (ب)	العمود الفاصل بين النوافذ (ب) هو جزء هيكلي من جسم السيارة الموجود خلف الباب الأمامي.
ضغط انتفاخ الإطار البارد	يتم تعريف ضغط انتفاخ الإطار البارد على أنه ضغط الإطار بعد توقف السيارة لمدة لا تقل عن ثلاث ساعات على الأقل، أو قيادتها لمسافة أقل من 1.6 كم (1ميل) بعد ثلاث ساعات على الأقل. يتم قياس ضغط الانتفاخ بوحدات رطل لكل بوصة مربعة أو كيلو باسكال.
أقصى ضغط انتفاخ	أقصى ضغط انتفاخ هو أقصى ضغط انتفاخ بارد مسموح به لهذا الإطار. أقصى ضغط انتفاخ موضح على الجدار الجانبي.
ضغط انتفاخ الإطار البارد المُوصى به	ضغط انتفاخ الإطار البارد المُوصى به من قِبل الجهة المصنعة للسيارة كما هو موضح على ملصق الإطار.
ملصق الإطار	ملصق موجود بشكل دائم في السيارة لوصف سعة حمولة السيارة الأصلية وأحجام الإطارات للمعدة الأصلية وضغط الانتفاخ البارد المُوصى به.

رقم تعريف الإطار (TIN)

يمكن العثور على رقم تعريف الإطار (TIN) على جانب واحد أو كل من جانبي الإطار، غير أن كود التاريخ يكتب على جانب واحد فقط. تحتوي الإطارات ذات الجدران الجانبية البيضاء على رقم تعريف إطار كامل يتضمن كودًا للتاريخ يوجد على جانب الجدار الجانبي الأبيض من الإطار. ابحث عن رقم تعريف الإطار على الجانب الخارجي من الإطارات ذات الجدران الجانبية السوداء إذا كانت هي الإطارات المركبة على السيارة. إذا لم تعثر على رقم تعريف الإطار (TIN) على الجانب الخارجي، فستعثر عليه على الجانب الداخلي من الإطار.

مثال:
DOT MA L9 ABCD 0301
DOT = وزارة النقل - يشير هذا الرمز إلى أن الإطار متوافق مع معايير سلامة الإطارات لوزارة النقل الأمريكية ومعتمد للسير على الطرق السريعة
MA = رمز يمثل موقع تصنيع الإطار (رقمان)
L9 = رمز يمثل حجم الإطار (رقمان)
ABCD = رمز تستخدمه الجهة المصنعة للإطار (من 1 إلى 4 أرقام)
03 = رقم يمثل الأسبوع الذي تم فيه تصنيع الإطار (رقمان) - 03 يشير الاسبوع الثالث
01 = رقم يمثل السنة التي تم فيها تصنيع الإطار (رقمان) - 01 تعني العام 2001 - قبل يوليو 2000، كان على الجهات المصنعة للإطارات استخدام رقم واحد لتمثيل العام الذي تم تصنيع الإطار. مثال: قد يمثل الرقم 031 الأسبوع الثالث من عام 1981 أو عام 1991

مثال:

وصف الخدمة:

95 = مؤشر الحمولة

- كود رقمي يرتبط بأقصى حمولة يمكن للإطار حملها

H = رمز السرعة

- رمز يشير إلى نطاق السرعات التي يمكن فيها للإطار حمل حمولة تتناسب مع دليل حمولته في ظروف تشغيل معينة
- يجب الوصول إلى أقصى سرعة مناظرة لرمز السرعة في ظروف تشغيل محددة فقط (أي وفقًا لضغط الإطار وحمولة السيارة وظروف الطريق وحدود السرعة)

بيان الحمولة:

يشير غياب رموز تعريف الحمولة التالية الموجودة على الجدار الجانبي للإطار إلى أن الإطار ذو حمولة قياسية (SL):

- XL = إطار ذو قدرة حمل إضافية (أو مدعمة)، أو
- LL = إطار ذو قدرة حمل خفيفة أو
- C أو D أو E أو F أو G = نطاق الحمولة مرتبط بأقصى حمولة يمكن أن يحملها الإطار عند ضغط محدد

أقصى حمولة - تشير أقصى حمولة إلى أقصى حمولة تم تصميم هذا الإطار لحملها

أقصى ضغط - يشير أقصى ضغط إلى أقصى ضغط انتفاخ بارد مسموح به لهذا الإطار

مخطط حجم الإطارات

مثال:

مثال على علامة الحجم المحدد للإطار:LT 31×10.5 R15 ،LT145/80D18 103M ،LT235/85R16C ،215/65R15 96H ،P215/65R15XL 95H
P = حجم إطار سيارة ركاب يستند إلى معايير التصميم الأمريكية، أو **" .... فارغ .... "** = إطار سيارات ركاب يستند إلى معايير التصميم الأوربية، أو **LT** = إطار شاحنات خفيفة يستند إلى معايير التصميم الأمريكية، أو **T** أو **S** = إطار احتياطي مؤقت أو **31** = القطر الإجمالي بالبوصة
215 أو **235** أو **145** = عرض القسم بالمليمترات
65 أو **85** أو **80** = النسبة الباعية بالنسبة المئوية (%) - نسبة ارتفاع القسم إلى عرض القسم للإطار، أو **10.5** = عرض القسم بالبوصات
R = طريقة التصميم - يشير الحرف "R" إلى التصميم القطري، أو - يشير الحرف "D" إلى التصميم القطري أو المائل
15 أو **16** أو **18** = قطر العجلة الداخلية بالبوصة

ملاحظة:

- **P (راكب) - يعتمد حجم الإطارات المترية على معايير التصميم الخاصة بالولايات المتحدة. تحتوي إطارات الركاب المترية على الحرف "P" محفورًا على الجدار الجانبي سابقًا لعلامة الحجم. مثال : P215/65R15 95H.**
- **الأوروبية - يعتمد حجم الإطارات المترية على معايير التصميم الأوربية. وهذه الإطارات المصممة وفقًا لهذا المعيار تحتوي على حجم الإطار محفورًا على الجدار الجانبي، حيث يتم البدء بمقاس عرض القسم. ولا يوجد الحرف "P" ضمن علامة حجم هذه النوعية من الإطارات. مثال: 215/65R15 96H.**
- **LT (الشاحنات الخفيفة) - يعتمد حجم الإطارات المترية على معايير التصميم بالولايات المتحدة. وتعتبر علامة الحجم لإطارات الشاحنات الخفيفة المترية هي نفسها الخاصة بإطارات الركاب المترية فيما عدا الحرفين "LT" المحفورين على الجدار الجانبي قبل علامة الحجم. مثال: LT235/85R16.**
- **تم تصميم الإطارات الاحتياطية المؤقتة للاستخدام في حالات الطوارئ فقط. تحتوي الإطارات الاحتياطية المؤقتة ذات الضغط العالي على حرف "T" أو "S" محفورًا على الجدار الجانبي قبل علامة الحجم. مثال: T145/80D18 103M.**
- **يعتمد حجم الإطارات عالية الطفو على معايير التصميم للولايات المتحدة وتبدأ علامة الحجم المحفورة على الجدار الجانبي بقطر الإطار. مثال: 31×10.5 LT 15R.**

ملاحظة: لا يمكن لوحدة التحكم في تأرجح المقطورة (TSC) إيقاف تأرجح جميع المقطورات.

تحذير!

إذا نشطت وحدة التحكم في تأرجح المقطورة (TSC) أثناء القيادة، فقم بإبطاء السيارة وتوقف عند أقرب موقع آمن واضبط حمولة المقطورة للتخلص من التأرجح الحادث بها.

تنبيه جاهزية الفرامل (RAB)

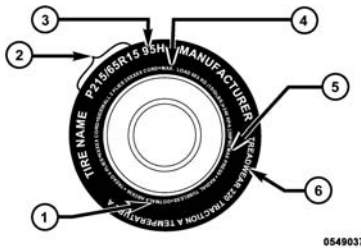
يمكن أن يعمل تنبيه جاهزية الفرامل على تقليل الوقت اللازم للكبح إلى أقصى قدر أثناء المواقف التي تستدعي استخدام الفرامل. وهو يتوقع حدوث موقف يستدعي استخدام الفرامل بشكل طارئ وذلك عن طريق مراقبة مدى سرعة تحرير السائق لدواسة صمام الاختناق. وعند تحرير دواسة صمام الاختناق بسرعة، يقوم تنبيه جاهزية الفرامل باستخدام الفرامل بمقدار بسيط. ولا يلاحظ السائق ضغط الفرامل هذا. يستخدم نظام الفرامل هذا الضغط على الفرامل للسماح باستجابة الفرامل السريعة في حالة استخدام السائق للفرامل.

دعم فرامل المطر (RBS)

يمكن لدعم فرامل المطر تحسين أداء الفرامل في الأجواء الممطرة. حيث يقوم بشكل دوري باستخدام الفرامل بمقدار بسيط لإزالة أي ترسب للمياه على الجزء الدوار للفرامل الأمامية. يتم تشغيلها بواسطة إعداد ماسحة الزجاج الأمامي وتعمل فقط عندما تكون قيد الاستخدام. عند تنشيط دعم فرامل المطر، لا يظهر تنبيه للسائق ولا يلزم أي تدخل من جانبه.

معلومات سلامة الإطار

علامات الإطار



1 - رمز معايير سلامة وزارة النقل الأمريكية (رقم تعريف الإطار)	4 - أقصى حمولة
2 - علامة الحجم	5 - أقصى ضغط
3 - وصف الخدمة	6 - بلى المداسات والجر ودرجات الحرارة

يبدأ ضوء مؤشر تنشيط/توقف نظام التحكم في الاستقرار الإلكتروني (ESC) الموجود في مجموعة أجهزة القياس بالوميض بمجرد فقدان الإطارات لطاقة الجر وعمل نظام الاستقرار الإلكتروني. ويومض ضوء مؤشر تنشيط/توقف نظام التحكم في الاستقرار الإلكتروني (ESC) أيضًا عندما يكون نظام التحكم في الجر نشطًا. إذا بدأ "ضوء مؤشر تنشيط/توقف نظام التحكم في الاستقرار الإلكتروني (ESC)" في الوميض أثناء التسارع، فخفف الضغط على دواسة الوقود وقلل بقدر الإمكان من استخدام صمام الاختناق. تأكد من توافق سرعتك وأسلوب قيادتك لظروف الطريق.

ملاحظة:

- **يضيء كل من ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) وضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC) لفترة قصيرة في كل مرة تتم فيها إدارة مفتاح التشغيل إلى وضع ON (التشغيل).**
- **يعمل نظام التحكم في الاستقرار الإلكتروني (ESC) في كل مرة تتم فيها إدارة مفتاح التشغيل إلى وضع ON (التشغيل) حتى إذا كان قد تم إيقافه في وقت سابق.**
- **يصدر عن نظام التحكم في الاستقرار الإلكتروني (ESC) صوت طنين أو نقر عندما يكون نشطًا. وهذا أمر عادي، وتتوقف الأصوات عندما يصبح نظام التحكم في الاستقرار الإلكتروني (ESC) غير نشطٍ بعد المناورة التي تسببت في تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC).**

يشير "ضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC)" إلى إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) بشكل جزئي.

وحدة التحكم في تأرجح المقطورة (TSC)

يستخدم نظام التحكم في تأرجح المقطورة (TSC) مستشعرات في السيارة لاكتشاف وجود مقطورة متأرجحة بشكل غير طبيعي وتتخذ الإجراءات المناسبة لمحاولة إيقاف التأرجح. قد يقلل النظام طاقة المحرك ويستعمل الفرامل على العجلة أو العجلات المناسبة لمعادلة تأرجح المقطورة. تنشط وحدة التحكم في تأرجح المقطورة (TSC) أوتوماتيكيًا بمجرد اكتشاف مقطورة متأرجحة بشكل غير طبيعي.

توخ الحذر دائمًا عند سحب مقطورة واتبع التوصيات الخاصة بوزن لسان السحب للمقطورة. عند عمل وحدة التحكم في تأرجح المقطورة (TSC)، يومض ضوء مؤشر تنشيط/توقف برنامج الاستقرار الإلكتروني (ESC) وقد تقل طاقة المحرك وقد تشعر باستخدام الفرامل على عجلات معينة لمحاولة إيقاف تأرجح المقطورة. تكون وحدة التحكم في تأرجح المقطورة (TSC) نشطة فقط في وضع "ESC On" (تشغيل نظام التحكم في الاستقرار الإلكتروني) الافتراضي. يمكن تعطيل وحدة التحكم في تأرجح المقطورة (TSC) بالضغط على مفتاح "ESC OFF" (إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني) والدخول إلى وضع "ESC Partial Off" (الإيقاف الجزئي لنظام التحكم في الاستقرار الإلكتروني). ولا يكون نشطًا في وضع "ESC Partial Off" (الإيقاف الجزئي لنظام التحكم في الاستقرار الإلكتروني) أو وضع "ESC Full Off" (الإيقاف الكلي لنظام التحكم في الاستقرار الإلكتروني). راجع جزء نظام التحكم في الاستقرار الإلكتروني (ESC) من هذا القسم للتعرف على شرح لأوضاع تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) المختلفة.

الكامل). يضيء "ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني (ESC)" دائمًا عند إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC). لتشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) مرة أخرى، اضغط للحظات على زر "ESC OFF" (إيقاف نظام التحكم في الاستقرار الإلكتروني). يعمل ذلك على استعادة وضع "ESC On" (تشغيل نظام التحكم في الاستقرار) المعتاد.

تحذير!

أثناء إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC)، يتم تعطيل ميزتي خفض عزم المحرك والاستقرار. لذلك لا تتوفر ميزة الاستقرار المحسن للسيارة التي يوفرها نظام التحكم في الاستقرار الإلكتروني (ESC). في المناورات الطارئة، لن يتم تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) للمساعدة في الحفاظ على الاستقرار. تم تصميم وضع "Full Off" (الإيقاف الكامل) للاستخدام خارج الطرق السريعة أو على الطرق الوعرة فقط.

ملاحظة:

- **يعتبر وضع "Full Off" (الإيقاف الكامل) وضع التشغيل الوحيد لنظام التحكم في الاستقرار الإلكتروني (ESC) في نطاق 4WD LOW (الدفع الرباعي المنخفض). سيكون نظام التحكم في الاستقرار الإلكتروني (ESC) في هذا الوضع عند بدء تشغيل السيارة في نطاق 4WD LOW (الدفع الرباعي المنخفض) أو عند نقل وحدة نقل الطاقة إلى نطاق 4WD LOW (الدفع الرباعي المنخفض).**
- **يتم عرض رسالة "ESC OFF" (إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني) وتصدر إشارة صوتية عند تحريك ذراع النقل من أي وضع إلى وضع "PARK" (التوقف)، ثم إخراجه من وضع "PARK" (التوقف). يحدث ذلك حتى إذا كان قد تم مسح الرسالة سابقًا.**

ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) وضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC)

يضيء "ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC)" في مجموعة أجهزة القياس عند إدارة مفتاح التشغيل إلى وضع ON (التشغيل). وينطفئ أثناء تشغيل المحرك. إذا استمر "ضوء تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل" في الإضاءة أثناء عمل المحرك، فإن هذا يدل على أنه قد تم اكتشاف عطل في نظام التحكم في الاستقرار الإلكتروني (ESC). إذا ظل هذا المصباح مضاءً بعد عدة دورات من التشغيل، وتمت قيادة السيارة لعدة كيلومترات/أميال بسرعات أعلى من 48 كم/ساعة (30 ميلاً/الساعة)، فراجع الوكيل المعتمد بأسرع ما يمكن لتشخيص المشكلة وحلها.

تحذير!

- عند التواجد في وضع "Partial Off" (إيقاف الجزئي)، يتم تعطيل جزء نظام التحكم في الجر (TCS) من برنامج نظام التحكم في الاستقرار الإلكتروني (ESC)، (باستثناء ميزة "الانزلاق المحدود" الموصوفة في قسم نظام التحكم في الجر (TCS))، وسيضيء "مصباح مؤشر توقف نظام التحكم في الاستقرار الإلكتروني". عند التواجد في وضع "Partial Off" (الإيقاف الجزئي)، يتم تعطيل ميزة تقليل طاقة المحرك بنظام التحكم في الجر (TCS)، يتم خفض الاستقرار المحسن للسيارة المتوفر من نظام برنامج الاستقرار الإلكتروني (ESC).
- يكون نظام التحكم في تأرجح المقطورة (TSC) معطلاً عندما يكون نظام التحكم في الثبات الإلكتروني في وضع "Partial Off" (الإيقاف الجزئي).

ملاحظة: لتحسين قدرة الجر للسيارة عند القيادة مع وجود سلاسل ثلجية أو عند بدء التشغيل في الثلوج العميقة أو الرمال أو الحصى، من المستحسن الانتقال إلى وضع "الإيقاف الجزئي" عن طريق الضغط للحظة على زر "ESC OFF" (إيقاف تشغيل نظام التحكم الاستقرار الإلكتروني). وعند التغلب على الموقف الذي يتطلب وضع "الإيقاف الجزئي"، قم بتشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) مرة أخرى عن طريق الضغط للحظة على زر "ESC OFF" (إيقاف تشغيل نظام التحكم الاستقرار الإلكتروني). ويمكن القيام بذلك أثناء وجود السيارة في حالة حركة.

"Full Off" (الإيقاف الكامل) - سيارات الدفع الرباعي في نطاقي 4WD High (الدفع الرباعي العالي) و4WD Low (الدفع الرباعي المنخفض)

تم تصميم وضع "Full Off" (الإيقاف الكامل) للاستخدام عند القيادة خارج الطرق السريعة أو على الطرق غير الممهدة عند عدم تمكن ميزات نظام التحكم في الاستقرار الإلكتروني من منع مناورة السيارة بسبب ظروف الطريق الوعرة.

يوجد زر "ESC OFF" (إيقاف نظام التحكم في الاستقرار الإلكتروني) في مجموعة المفاتيح السفلية أعلى لوحة التحكم في درجة الحرارة. للدخول إلى وضع "Full Off" (الإيقاف الكامل)، اضغط مع الاستمرار على زر "ESC OFF" (إيقاف نظام التحكم في الاستقرار الإلكتروني) لمدة خمس ثوان أثناء توقف السيارة وعمل المحرك. بعد مرور خمس ثوان، يضيء "ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني (ESC)" وتظهر رسالة "ESC Off" (إيقاف تشغيل ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني) في عداد المسافة.

في هذا الوضع، يتم إيقاف تشغيل نظامي التحكم في الاستقرار الإلكتروني (ESC) والتحكم في الجر (TCS) (باستثناء ميزة "الانزلاق المحدود" الموضحة في قسم نظام التحكم في الجر) حتى تصل سرعة السيارة إلى 64 كم/الساعة (40 ميلاً/الساعة). وفي السرعات التي تزيد على 64 كم/الساعة (40 ميلاً/الساعة)، يعود النظام تلقائيًا إلى وضع "Partial Off" (الإيقاف الجزئي) المشروح أعلاه. بعد تقليل سرعة السيارة لأقل من 56 كم/ساعة (35 ميلاً/الساعة)، يعود نظام التحكم في الاستقرار الإلكتروني (ESC) إلى وضع "Full Off" (الإيقاف

تحذير! (تابع)

كما أنه لا يمكن أيضًا لنظام التحكم في الاستقرار الإلكتروني (ESC) أن يمنع وقوع التصادمات الناجمة عن فقدان التحكم في السيارة بسبب تدخل غير مناسب من السائق عند التعامل مع ظروف الطريق. فالسائق المنتبه والماهر والحذر هو الوحيد الذي يمكنه تجنب وقوع التصادمات. يجب عدم استغلال قدرات السيارات المزودة بنظام التحكم في الاستقرار الإلكتروني (ESC) أبدًا بطريقة متهورة أو خطيرة والتي قد تعرض سلامة السائق أو سلامة الآخرين للخطر.

أوضاع تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC)

وفقًا لطراز السيارة ووضع التشغيل، يتضمن نظام التحكم في الاستقرار الإلكتروني ثلاثة أوضاع تشغيل هي: "ESC On" (تشغيل نظام التحكم في الاستقرار الإلكتروني) و "Partial Off" (الإيقاف الجزئي) و "Full Off" (الإيقاف الكامل).

ESC On (تشغيل نظام التحكم في الاستقرار الإلكتروني) - سيارات الدفع الثنائي أو الدفع الرباعي في نطاق 2WD (الدفع الثنائي) و4WD High (الدفع الرباعي العالي)

هذا هو وضع التشغيل المعتاد لنظام التحكم في الاستقرار الإلكتروني (ESC) عند تشغيل سيارة دفع ثنائي. وهو أيضًا الوضع المعتاد لتشغيل سيارة الدفع الرباعي في نطاق 2WD (الدفع الثنائي) أو 4WD HIGH (الدفع الرباعي العالي). سيكون نظام التحكم في الاستقرار الإلكتروني (ESC) في وضع "ESC On" (تشغيل نظام التحكم في الاستقرار الإلكتروني) عند بدء تشغيل السيارة أو نقل وحدة نقل الطاقة (إذا كانت السيارة مزودة بذلك) إلى خارج وضع 4WD LOW (الدفع الرباعي المنخفض). يجب استخدام هذا الوضع في معظم ظروف القيادة. يجب فقط نقل نظام التحكم في الاستقرار الإلكتروني إلى وضعي "Partial Off" (الإيقاف الجزئي) أو "Full Off" (الإيقاف الكامل) لأسباب محددة كما هو موضح. راجع وضعي "Partial Off" (الإيقاف الجزئي) أو "Full Off" (الإيقاف الكامل) لمزيد من المعلومات.

"Partial Off" (الإيقاف الجزئي) - سيارات الدفع الثنائي والدفع الرباعي في نطاق 2WD (الدفع الثنائي) أو 4WD HIGH (الدفع الرباعي العالي)

ويستخدم وضع "Partial Off" (الإيقاف الجزئي) أيضًا للقيادة على الأراضي الثلجية العميقة أو الرملية أو المغطاة بالحصى. يرفع هذا الوضع عتبة تشغيل نظام التحكم في الجر (TCS) ونظام التحكم في الاستقرار الإلكتروني (ESC)، وهو ما يسمح بالمزيد من التدوير للعجلات مما يسمح به نظام التحكم في الاستقرار الإلكتروني (ESC) عادةً.

يوجد زر "ESC OFF" (إيقاف نظام التحكم في الاستقرار الإلكتروني) في مجموعة المفاتيح الموجودة أعلى مفتاح التحكم في درجة الحرارة. للدخول في وضع "Partial Off" (الإيقاف الجزئي)، اضغط للحظات على زر "ESC Off" (إيقاف نظام التحكم في الاستقرار الإلكتروني) وسيضيء "ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني". لتشغيل نظام التحكم في الاستقرار الإلكتروني (ESC) مرة أخرى، اضغط للحظات على زر "ESC Off" (إيقاف نظام التحكم في الاستقرار الإلكتروني) وستنطفئ إضاءة "ضوء مؤشر إيقاف نظام التحكم في الاستقرار الإلكتروني". يعمل ذلك على استعادة وضع "ESC On" (تشغيل نظام التحكم في الاستقرار) المعتاد.

- سوف يومض رمز مجموعة القياس ومصباح المفتاح لعدة ثوان ثم ينطفئ عندما يقوم السائق بالضغط على مفتاح SSC ولكن لا يتم الوفاء بشروط التمكين.
- سوف يومض رمز مجموعة القياس ومصباح المفتاح لعدة ثوان ثم ينطفئ عندما يتم إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) بسبب تجاوز السرعة.
- سوف يومض رمز مجموعة أجهزة القياس ومصباح المفتاح، ثم ينطفئ عند إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) نتيجة لارتفاع حرارة الفرامل.

تحذير!

إن نظام التحكم في تحديد السرعة (SSC) مخصص فقط لمساعدة السائق في التحكم في سرعة السيارة أثناء القيادة على الطرق الوعرة. وعلى السائق أن يبقى منتبهًا لظروف القيادة ويعتبر مسؤولاً عن الحفاظ على سرعة آمنة للسيارة.

نظام التحكم في الاستقرار الإلكتروني (ESC)

يحسن هذا النظام التحكم في التوجيه واستقرار السيارة في ظروف القيادة المتنوعة. ويصحح نظام التحكم في الاستقرار الإلكتروني (ESC) السرعة الزائدة أو المنخفضة للسيارة عن طريق استعمال فرامل العجلة المناسبة للمساعدة في التغلب على زيادة أو انخفاض سرعة السيارة بشكل غير مطلوب. يمكن أيضًا خفض طاقة المحرك لمساعدة السيارة على الاحتفاظ بالمسار المرغوب.

يستخدم نظام التحكم في الاستقرار الإلكتروني المستشعرات في السيارة لتحديد المسار الذي يقصد السائق توجيه السيارة إليه ويقارنه بالمسار الذي تسلكه السيارة قي الواقع. عندما لا يتطابق المسار الفعلي مع المسار الذي يريده السائق، يستعمل النظام فرامل العجلة المناسبة للمساعدة في التغلب على السرعة الزائدة أو المنخفضة عن الحد المطلوب.

- السرعة الزائدة - عندما تدور سيارة بصورة أكبر من المناسبة لوضع عجلة القيادة.
- السرعة المنخفضة - عندما تدور سيارة بصورة أقل من المناسبة لوضع عجلة القيادة.

يبدأ مصباح مؤشر تنشيط/توقف نظام التحكم في الاستقرار الإلكتروني (ESC) الموجود في مجموعة أجهزة القياس بالوميض بمجرد فقدان الإطارات لطاقة الجر وعمل نظام الاستقرار الإلكتروني. ويومض مصباح مؤشر نظام الاستقرار الإلكتروني/نظام التحكم في الجر أيضًا عندما يكون نظام التحكم في الجر نشطًا. إذا بدأ "ضوء مؤشر تنشيط/توقف نظام التحكم في الاستقرار الإلكتروني (ESC)" في الوميض أثناء التسارع، فخفف الضغط على دواسة الوقود وقلل بقدر الإمكان من استخدام صمام الاختناق. تأكد من توافق سرعتك وأسلوب قيادتك لظروف الطريق.

تحذير!

لا يستطيع نظام التحكم في الاستقرار الإلكتروني (ESC) منع قوانين الفيزياء الطبيعية من التأثير على السيارة كما أنه لا يمكنه زيادة قدرة الجر التي توفرها ظروف الطريق. ولا يستطيع نظام التحكم في الاستقرار الإلكتروني (ESC) منع التصادمات بما في ذلك التصادمات الناتجة من السرعة الزائدة في المنعطفات أو القيادة على الأسطح شديدة الانزلاق أو الانزلاق المائي.

(تابع)

- **أثناء تشغيل نظام التحكم في تحديد السرعة (SSC)، يتم استخدام إدخال ذراع ERS (الاختيار الإلكتروني للنطاق) (+/-) لتحديد السرعة المطلوبة لنظام التحكم في تحديد السرعة (SSC)، ولكن لن يؤثر ذلك على الترس المختار بواسطة ناقل الحركة. أثناء تشغيل نظام التحكم في تحديد السرعة (SSC)، سيتم نقل ناقل الحركة بصورة مناسبة للسرعة المضبوطة المحددة من قِبل السائق مع ظروف القيادة المناسبة.**
- **يتأثر أداء نظام التحكم في تحديد السرعة (SSC) بوضع Terrain Select (تحديد التضاريس). قد يكون هذا الاختلاف واضحًا للسائق وقد يتم التنبؤ به كلما تغير مستوى الحدة.**

تجاوز السائق:

قد يقوم السائق بتجاوز تنشيط نظام التحكم في تحديد السرعة (SSC) باستخدام صمام الاختناق أو الفرامل في أي وقت.

إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC)

سيتم إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) ولكن سيظل متاحًا في حالة حدوث أي من الحالات التالية:

- قام السائق بتجاوز السرعة المضبوطة لنظام التحكم في تحديد السرعة (SSC) باستخدام صمام الاختناق أو الفرامل.
- تجاوزت سرعة السيارة 20 ميلاً/الساعة (32 كم/ساعة) ولكنها ظلت أقل من 40 ميلاً/الساعة (64 كم/ساعة).
- تم نقل السيارة لوضع التوقف.

تعطيل نظام التحكم في تحديد السرعة (SSC)

سيتم إلغاء تنشيط نظام التحكم في تحديد السرعة (SSC) ويصبح معطلاً في حالة حدوث أي من الحالات التالية:

- قام السائق بالضغط على مفتاح SSC (التحكم في تحديد السرعة).
- تم نقل مجموعة القيادة خارج نطاق 4WD LOW (الدفع الرباعي المنخفض).
- تم استخدام فرامل التوقف.
- باب السائق مفتوح.
- قيادة السيارة بسرعة أكبر من 20 ميلاً/الساعة (32 كم/ساعة) لمدة تزيد عن 70 ثانية.
- قيادة السيارة بسرعة أكبر من 40 ميلاً/الساعة (64 كم/ساعة) (يتم الخروج من نظام التحكم في تحديد السرعة (SSC) فورًا).

ملاحظات للسائق:

تحتوي مجموعة أجهزة القياس على رمز SSC ومفتاح SSC والذي يحتوي على مصباح LED والذي يوفر ملاحظات للسائق حول الحالة التي يتواجد عليها نظام التحكم في تحديد السرعة (SSC).

- سوف يضيء رمز مجموعة القياس ومصباح المفتاح وتظل الإضاءة ثابتة عندما يتم تمكين نظام التحكم في تحديد السرعة (SSC) أو تنشيطه. يعتبر هذا الوضع هو وضع التشغيل العادي لنظام التحكم في تحديد السرعة (SSC).

- باب السائق مغلق
- السائق لم يستخدم صمام الاختناق

تم تنشيط نظام التحكم في تحديد السرعة (SSC)

بمجرد تمكين نظام التحكم في تحديد السرعة (SSC) سوف يتم تنشيطه أوتوماتيكيًا بمجرد الوفاء بالشروط التالية:

- قيام السائق بتحرير صمام الاختناق
- قيام السائق بتحرير الفرامل
- ناقل الحركة في أي تحديد بخلاف وضع P (التوقف)
- سرعة السيارة أقل من 20 ميلاً/الساعة (32 كم/ساعة)

السرعة المضبوطة لنظام التحكم في تحديد السرعة (SSC) يمكن للسائق تحديدها ويمكن ضبطها باستخدام ذراع نقل التروس. علاوة على ذلك، يتم خفض السرعة المضبوطة لنظام التحكم في تحديد السرعة (SSC) أوتوماتيكيًا عند صعود منحدر ويعتمد مستوى انخفاض السرعة المضبوطة على مدى ارتفاع المنحدر. يلخص ما يلي السرعات المضبوطة لنظام التحكم في تحديد السرعة (SSC):

السرعات المضبوطة لنطاق الدفع الرباعي المنخفض

- 1st (الترس الأول) = 0.6 ميل/الساعة (1 كم/ساعة)
- 2nd (الترس الثاني) = 1.2 ميل/الساعة (2 كم/ساعة)
- 3rd (الترس الثالث) = 4 أميال/الساعة (3 كم/ساعة)
- 4th (الترس الرابع) = 2.5 ميلاً/الساعة (4 كم/ساعة)
- 5th (الترس الخامس) = 3.1 أميال/الساعة (5 كم/ساعة)
- 6th (الترس السادس) = 3.7 أميال/الساعة (6 كم/ساعة)
- 7th (الترس السابع) = 4.3 أميال/الساعة (7 كم/ساعة)
- 8th (الترس الثامن) = 5 أميال/الساعة (8 كم/ساعة)
- 9th (الترس التاسع) = 5.6 أميال/الساعة (9 كم/ساعة)
- REVERSE (الرجوع إلى الخلف) = 0.6 ميل/الساعة (1 كم/ساعة)
- NEUTRAL (اللاتعشيق) = 1.2 ميلاً/الساعة (2 كم/ساعة)
- PARK (التوقف) = يظل نظام التحكم في تحديد السرعة (SSC) مُمكنًا ولكنه غير نشط

ملاحظة:

- **تعتمد هذه السرعات المضبوطة الافتراضية لنظام التحكم في تحديد السرعة (SSC) على مدى انحدار الأرض. كلما زادت درجة انحدار الأرض، سيكون متاح للسيارة التي تسير بالقيم الأقل للسرعة المضبوطة جميع التروس المذكورة، مع كون قيمة الحد الأدنى 6 أميال/الساعة (1 كم/ساعة).**

- سوف يومض رمز مجموعة القياس ومصباح المفتاح عندما يتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) بسبب زيادة سخونة الفرامل. سوف يتوقف الوميض ويتم تنشيط نظام التحكم في النزول من على المرتفعات (HDC) مرة أخرى عندما تبرد الفرامل بصورة كافية.

يوجد مفتاح Hill Descent (النزول من على المرتفعات) ضمن مقبض Selec-Terrain (التضاريس المحددة) في الوضع اليمن العلوي.

تحذير!

إن نظام التحكم في النزول من على المرتفعات (HDC) يهدف فقط إلى مساعدة السائق في التحكم بسرعة السيارة عند النزول من على المرتفعات. وعلى السائق أن يبقى منتبهًا لظروف القيادة ويعتبر مسؤولاً عن الحفاظ على سرعة آمنة للسيارة.

التحكم في تحديد السرعة (SSC) - إذا كانت السيارة مزودة بذلك

مفتاح التحكم في تحديد السرعة

إن نظام التحكم في تحديد السرعة (SSC) مخصص للاستخدام في الطرق الوعرة أثناء التواجد في نطاق 4WD Low (الدفع الرباعي المنخفض). يحافظ نظام التحكم في تحديد السرعة (SSC) على سرعة السيارة بالتحكم بصورة فعالة في عزم المحرك والفرامل.

يشتمل نظام التحكم في تحديد السرعة (SSC) على ثلاث حالات:

1. Off (إيقاف) (الميزة غير ممكنة ولن يتم تنشيطها)
2. Enabled (ممكنة) (الميزة ممكنة وجاهزة ولكن لم تتحقق شروط التنشيط أو قام السائق بالتجاوز بصورة فعالة باستخدام الفرامل أو استخدام صمام الاختناق)
3. Active (نشطة) (الميزة ممكنة وتقوم بصورة فعالة بالتحكم في سرعة السيارة)

تمكين نظام التحكم في تحديد السرعة (SSC)

يتم تمكين نظام التحكم في تحديد السرعة (SSC) بالضغط على مفتاح SSC ولكن ينبغي تحقق الشروط التالية لتمكين نظام التحكم في تحديد السرعة (SSC):

- القيادة في نطاق 4WD Low (الدفع الرباعي المنخفض)
- سرعة السيارة أقل من 5 أميال/الساعة (8 كم/ساعة)
- فرامل التوقف محررة

إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC)

سيتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) ولكن سيظل متاحًا في حالة حدوث أي من الحالات التالية:

- قام السائق بتجاوز السرعة المضبوطة لنظام التحكم في النزول من على المرتفعات (HDC) باستخدام صمام الاختناق أو الفرامل.
- تجاوزت سرعة السيارة 20 ميلاً/الساعة (32 كم/ساعة) ولكنها ظلت أقل من 40 ميلاً/الساعة (64 كم/ساعة).
- السيارة على سفح منحدر بارتفاع غير كافي (أقل من 8% تقريبًا) أو على سطح مستو أو على سفح مرتفع.
- تم نقل السيارة لوضع التوقف.

تعطيل نظام التحكم في النزول من على المرتفعات (HDC)

سيتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) ويصبح معطلاً في حالة حدوث أي من الحالات التالية:

- قام السائق بالضغط على مفتاح HDC.
- تم نقل مجموعة القيادة خارج نطاق 4WD LOW (الدفع الرباعي المنخفض).
- تم استخدام فرامل التوقف.
- باب السائق مفتوح.
- قيادة السيارة بسرعة أكبر من 20 ميلاً/الساعة (32 كم/ساعة) لمدة تزيد عن 70 ثانية.
- قيادة السيارة بسرعة أكبر من 40 ميلاً/الساعة (64 كم/ساعة) (يتم الخروج من نظام التحكم في النزول من على المرتفعات (HDC) فورًا.)

ملاحظات للسائق:

تحتوي مجموعة أجهزة القياس على رمز HDC ومفتاح HDC والذي يحتوي على مصباح LED والذي يوفر ملاحظات للسائق حول الحالة التي يتواجد عليها نظام التحكم في النزول من على المرتفعات (HDC).

- سوف يضيء رمز مجموعة القياس ومصباح المفتاح وتظل الإضاءة ثابتة عندما يتم تمكين نظام التحكم في النزول من على المرتفعات (HDC) أو تنشيطه. يعتبر هذا الوضع هو وضع التشغيل العادي لنظام التحكم في النزول من على المرتفعات (HDC).
- سوف يومض رمز مجموعة أجهزة القياس ومصباح المفتاح لعدة ثوان ثم ينطفئ عندما يقوم السائق بالضغط على مفتاح HDC عندما لا تتم تلبية شروط التمكين.
- سوف يومض رمز مجموعة القياس ومصباح المفتاح لعدة ثوان ثم ينطفئ عندما يتم إلغاء تنشيط نظام التحكم في النزول من على المرتفعات (HDC) بسبب تجاوز السرعة.

- فرامل التوقف محررة
- باب السائق مغلق

تم تنشيط نظام التحكم في النزول من على المرتفعات (HDC)

بمجرد تمكين نظام التحكم في النزول من على المرتفعات (HDC)، فسوف يتم تنشيطه أوتوماتيكيًا في حالة النزول من على سفح منحدر بارتفاع كافي (أكبر من 8% تقريبًا). السرعة المضبوطة لنظام التحكم في النزول من على المرتفعات (HDC) يمكن للسائق تحديدها ويمكن ضبطها باستخدام ذراع نقل التروس. يلخص ما يلي السرعات المضبوطة لنظام التحكم في النزول من على المرتفعات (HDC):

- P (التوقف) = لا توجد سرعة مضبوطة. يحتمل تمكين نظام التحكم في النزول من على المرتفعات (HDC) ولكن لم يتم تنشيطه
- R (الرجوع للخلف) = 0.6 ميل/الساعة (1 كم/ساعة)
- N (اللاتعشيق) = 1.2 ميل/الساعة (2 كم/ساعة)
- D (القيادة) = 0.6 ميل/الساعة (1 كم/ساعة)
- 1st (الترس الأول) = 0.6 ميل/الساعة (1 كم/ساعة)
- 2nd (الترس الثاني) = 1.2 ميل/الساعة (2 كم/ساعة)
- 3rd (الترس الثالث) = 1.8 ميل/الساعة (3 كم/ساعة)
- 4th (الترس الرابع) = 2.5 ميلاً/الساعة (4 كم/ساعة)
- 5th (الترس الخامس) = 3.1 أميال/الساعة (5 كم/ساعة)
- 6th (الترس السادس) = 3.7 أميال/الساعة (6 كم/ساعة)
- 7th (الترس السابع) = 4.3 أميال/الساعة (7 كم/ساعة)
- 8th (الترس الثامن) = 5.0 أميال/الساعة (8 كم/ساعة)
- 9th (الترس التاسع) = 5.6 أميال/الساعة (9 كم/ساعة)

ملاحظة:

- **أثناء تشغيل نظام التحكم في النزول من على المرتفعات (HDC)، يتم استخدام إدخال ذراع ERS (الاختيار الإلكتروني للنطاق) (+/-) لتحديد السرعة المطلوبة لنظام التحكم في النزول من على المرتفعات (HDC)، ولكن لن يؤثر ذلك على الترس المختار بواسطة ناقل الحركة. أثناء تشغيل نظام التحكم في النزول من على المرتفعات (HDC)، سيتم نقل ناقل الحركة بصورة مناسبة للسرعة المضبوطة المحددة من قِبل السائق مع ظروف القيادة المناسبة.**
- **يتأثر أداء نظام التحكم في النزول من على المرتفعات (HDC) بوضع Terrain Select (تحديد التضاريس). قد يكون هذا الاختلاف واضحًا للسائق وقد يتم التنبؤ به كلما تغير مستوى الحدة.**

تجاوز السائق:

قد يقوم السائق بتجاوز تنشيط نظام التحكم في النزول من على المرتفعات (HDC) باستخدام صمام الاختناق أو الفرامل في أي وقت.

تحذير! (تابع)

التسارع، قم بتنشيط فرامل المقطورة يدويًا أو استخدم المزيد من ضغط فرامل السيارة قبل تحرير دواسة الفرامل.

- إن نظام مساعد بدء التشغيل على المرتفعات (HSA) لا يعتبر فرامل توقف. تأكد دائمًا من التعشيق الكامل لفرامل التوقف عند تركك السيارة. تأكد أيضًا من ترك ناقل الحركة في وضع PARK (التوقف).
- وعدم اتباعك لهذه التحذيرات قد يتسبب في وقوع حوادث أو إصابات خطيرة.

تعطيل مساعد بدء التشغيل على المرتفعات (HSA) وتمكينه

إذا رغبت في إيقاف تشغيل نظام مساعد بدء التشغيل على المرتفعات (HSA)، فيمكن القيام بذلك باستخدام إعدادات نظام Uconnect® Access. راجع "إعدادات نظام Uconnect® Access" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

نظام التحكم في النزول من على المرتفعات (HDC) — إذا كانت السيارة مزودة بذلك

التحكم في النزول من على المرتفعات

إن نظام التحكم في النزول من على المرتفعات (HDC) مخصص للاستخدام مع السرعات البطيئة على الطرق الوعرة أثناء التواجد في نطاق 4WD Low (الدفع الرباعي المنخفض). يحافظ نظام التحكم في النزول من على المرتفعات (HDC) على سرعة السيارة أثناء النزول من على المرتفعات أثناء ظروف القيادة المختلفة. يتحكم نظام التحكم في النزول من على المرتفعات (HDC) في سرعة السيارة عن طريق التحكم النشط في الفرامل.

يشتمل نظام التحكم في النزول من على المرتفعات (HDC) على ثلاث حالات:

1. Off (إيقاف) (الميزة غير ممكنة ولن يتم تنشيطها)
2. Enabled (ممكنة) (الميزة ممكنة وجاهزة ولكن لم تتحقق شروط التنشيط أو قام السائق بالتجاوز بصورة فعالة باستخدام الفرامل أو استخدام صمام الاختناق)
3. Active (نشطة) (الميزة ممكنة وتقوم بصورة فعالة بالتحكم في سرعة السيارة)

تمكين نظام التحكم في النزول من على المرتفعات (HDC)

يتم تمكين نظام التحكم في النزول من على المرتفعات (HDC) بالضغط على مفتاح نظام التحكم في النزول من على المرتفعات (HDC) ولكن ينبغي تحقق الشروط التالية لتمكين نظام التحكم في النزول من على المرتفعات (HDC):

- القيادة في نطاق 4WD Low (الدفع الرباعي المنخفض)
- سرعة السيارة أقل من 5 أميال/الساعة (8 كم/ساعة)

مساعد بدء التشغيل على المرتفعات (HSA)

تم تصميم نظام مساعد بدء التشغيل على المرتفعات (HSA) لمساعدة السائق على زيادة سرعة السيارة من التوقف الكامل أثناء التواجد على منحدر. إذا حرر السائق الفرامل أثناء التوقف على منحدر، سيستمر نظام مساعد بدء التشغيل على المرتفعات (HSA) في الاحتفاظ بضغط الفرامل لفترة قصيرة. إذا لم يستخدم السائق صمام الاختناق في هذه الفترة القصيرة، فسوف يحرر النظام ضغط الفرامل وتبدأ السيارة في الدوران والنزول من فوق المرتفع بالشكل المعتاد. ويقوم النظام بتحرير ضغط الفرامل بنسبة مع الضغط المستخدم على صمام الاختناق.

يجب الوفاء بالشروط التالية لتنشيط مساعد بدء التشغيل على المرتفعات (HSA):

- يجب أن تكون السيارة متوقفة.
- يجب أن تكون السيارة على أرض منحدرة بنسبة 7% (تقريبًا) أو أكثر.
- يجب أن يتوافق اختيار الترس مع اتجاه السير على التلال للسيارة (بمعنى في حالة السيارة التي تواجه تلاً يكون الترس في وضع السير للأمام بينما تستخدم السيارة في حالة الرجوع من التل ترس REVERSE (الرجوع للخلف)).
- بالنسبة للسيارات المزودة بناقل حركة أوتوماتيكي، يعمل مساعد بدء التشغيل على المرتفعات في ترس REVERSE (الرجوع للخلف) وجميع التروس الأمامية. ولن ينشط النظام إذا كان ناقل الحركة في وضع PARK (التوقف).

تحذير!

قد تكون هناك مواقف لا ينشط فيها مساعد بدء التشغيل على المرتفعات (HSA) ويحدث فيها دوران بسيط للسيارة، كما هو الحال على المرتفعات الصغيرة، أو عندما تكون السيارة محملة أو أثناء سحب مقطورة. إن مساعد بدء التشغيل على المرتفعات (HSA) ليس بديلاً عن القيادة بانتباه. فمن مسئولية السائق دائمًا الانتباه للمسافة بين سيارته والسيارات الأخرى والأشخاص والأشياء، والأهم من ذلك استعمال الفرامل لضمان

(تابع)

تحذير! (تابع)

التشغيل الآمن للسيارة في ظل جميع ظروف الطريق. يعتبر انتباهك الكامل مطلوب دائمًا أثناء القيادة للتحكم في السيارة بشكل آمن. وعدم اتباعك لهذه التحذيرات قد يتسبب في وقوع حوادث أو إصابات خطيرة.

السحب مع استخدام مساعد بدء التشغيل على المرتفعات (HSA)

يوفر مساعد بدء التشغيل على المرتفعات (HSA) المساعدة أثناء التسارع على منحدر عند سحب مقطورة.

تحذير!

- إذا كنت تستخدم وحدة تحكم بفرامل المقطورة، فإن فرامل المقطورة يمكن تنشيطها وتعطيلها باستخدام مفتاح الفرامل. إذا كان الأمر كذلك، فقد لا يتوفر ضغط فرامل كافي للحفاظ على السيارة والمقطورة على مرتفع عند تحرير دواسة الفرامل. لتجنب الدوران والنزول من على الأرض المنحدرة أثناء استئناف

(تابع)

نظام مساعد الفرامل (BAS)

تم تصميم نظام مساعد الفرامل (BAS) لتحسين كفاءة فرامل السيارة خلال المناورات التي تُستخدم فيها الفرامل في حالات الطوارئ. يكتشف النظام الحالات التي تستدعي استخدام الفرامل بشكل طارئ عن طريق استشعار معدل ومقدار استخدام الفرامل ثم يستعمل أقصى ضغط على الفرامل. إن ذلك يساعد في تقليل المسافات التي تقطعها الفرامل لإحداث فرملة. يعتبر نظام مساعد الفرامل (BAS) نظامًا مكملاً لنظام الفرامل المانعة للانغلاق (ABS). ويؤدي الضغط على الفرامل بأقصى سرعة إلى الاستفادة القصوى من المساعدة التي يوفرها نظام مساعد الفرامل. للاستفادة من النظام، يجب الضغط على الفرامل بشكل متواصل أثناء تتابع التوقف (لا تقم بالضغط بشكل متقطع على دواسة الفرامل). لا تخفض الضغط على دواسة الفرامل حتى تتأكد من عدم الحاجة إلى استخدام الفرامل. يتوقف نظام مساعد الفرامل (BAS) عن العمل بمجرد تحرير دواسة الفرامل.

تحذير!

لا يستطيع نظام مساعد الفرامل (BAS) منع قوانين الفيزياء الطبيعية من التأثير على السيارة كما أنه لا يمكنه زيادة قدرة الجر التي توفرها ظروف الطريق. ولا يستطيع النظام منع التصادمات بما في ذلك التصادمات الناتجة عن السرعة الزائدة في المنعطفات أو القيادة على الأسطح شديدة الانزلاق أو الانزلاق المائي. يجب عدم استغلال قدرات السيارات المزودة بنظام مساعد الفرامل بطريقة متهورة أو خطيرة والتي قد تعرض سلامة السائق أو سلامة الآخرين للخطر.

نظام تخفيف الانقلاب الإلكتروني (ERM)

يتوقع هذا النظام احتمال ارتفاع العجلات عن طريق مراقبة مدخلات عجلة القيادة التي يستعملها السائق وسرعة السيارة. وعندما يحدد نظام تخفيف الانقلاب الإلكتروني (ERM) أن معدل تغيير زاوية عجلة القيادة وسرعة السيارة كافيان للتسبب في ارتفاع العجلات، فإنه يستعمل الفرامل المناسبة وقد يخفض طاقة المحرك لتقليل احتمال ارتفاع العجلات. يتدخل نظام تخفيف الانقلاب الإلكتروني (ERM) فقط أثناء مناورات القيادة العنيفة للغاية أو المراوغة. وبإمكان نظام تخفيف الانقلاب الإلكتروني (ERM) خفض احتمال ارتفاع العجلات أثناء المناورات العنيفة أو المراوغة. ولكنه لا يستطيع منع ارتفاع العجلات بسبب عوامل أخرى مثل ظروف الطريق أو الانحراف عن الطريق أو الارتطام بأشياء أو سيارات أخرى.

ملاحظة: يتم تعطيل نظام تخفيف الانقلاب الإلكتروني (ERM) في أي وقت يكون فيه نظام التحكم في الاستقرار الإلكتروني (ESC) في وضع "Full Off" (الإيقاف الكامل). راجع نظام التحكم في الاستقرار الإلكتروني (ESC) للحصول على شرح كامل للأوضاع المتوفرة به.

تحذير!

تؤثر العديد من العوامل مثل حمولة السيارة وظروف الطريق وظروف القيادة على احتمال ارتفاع العجلات أو انقلاب السيارة. لا يستطيع نظام تخفيف الانقلاب الإلكتروني (ERM) منع ارتفاع جميع العجلات أو الانقلابات خاصة تلك التي تتضمن الانحراف عن الطريق أو الاصطدام بأشياء أو سيارات أخرى. يجب عدم استغلال قدرات السيارات المزودة بنظام تخفيف الانقلاب الإلكتروني (ERM) بطريقة متهورة أو خطيرة تعرض سلامة السائق أو سلامة الآخرين للخطر.

(تابع)

تحذير! (تابع)

- ولا يستطيع نظام الفرامل المانعة للانغلاق (ABS) منع وقوع التصادمات بما في ذلك تلك التي تنتج من القيادة بسرعة عالية عند المنعطفات أو من ملاحقة سيارة أخرى عن قرب أو عند القيادة فوق طرق مغمورة بمياه.
- يجب عدم استغلال قدرات السيارات المزودة بنظام الفرامل المانعة للانغلاق (ABS) أبدًا بطريقة متهورة أو خطيرة والتي قد تعرض سلامة السائق أو سلامة الآخرين للخطر.

تنبيه!

يحتمل تعرض نظام الفرامل المانعة للانغلاق (ABS) لتأثيرات ضارة كنتيجة للتشويش الإلكتروني من أجهزة الراديو والهواتف التجارية المركبة بشكل غير صحيح.

ملاحظة: قد يتم استشعار ذبذبات كما يحتمل الاستماع إلى صوت طقطقة عند استعمال الفرامل بقوة. إن هذا الأمر طبيعي، وهو يشير إلى أن نظام الفرامل المانعة للانغلاق (ABS) في حالة تشغيل.

- لا "تتكئ" على الفرامل بإسناد قدمك على الدواسة. قد يزيد ذلك من حرارة الفرامل وينتج عنه سلوكيات غير متوقعة للفرامل أو مسافات إيقاف طويلة أو تلف الفرامل.
- عند هبوط جبل أو منطقة مرتفعة، قد تتسبب الفرملة المتكررة في تضاؤل أثر الفرامل مع فقدان التحكم في الفرامل. تجنب الضغط المتكرر على الفرامل عن طريق إنزال سرعة ناقل الحركة أو قفل ترس مضاعفة السرعة متى أمكن ذلك.
- قد تتباطأ المحركات بسرعات أعلى أثناء التسخين، مما قد يتسبب في دوران العجلات الخلفية وفقدان التحكم في السيارة. احرص بشكل خاص عند القيادة على الطرق الزلقة أو في الانعطافات الضيقة أو عند ركن السيارة أو إيقافها.
- لا تقد السيارة بسرعة عالية بما لا يناسب ظروف الطريق، خصوصًا عندما تكون الطرق مبتلة أو موحلة. قد يؤدي ذلك إلى تراكم المياه بين مداس الإطار والطريق. قد يتسبب إجراء الغوص في الماء في هذا فقدان طاقة الجر والقدرة على الفرملة والتحكم.
- بعد الخوض في مياه عميقة أو غسيل السيارة قد تبتل الفرامل بما يؤدي إلى ضعف أدائها وعملها بشكل عشوائي. جفف الفرامل بالضغط الخفيف المتقطع على الدواسة أثناء السير بسرعة بطيئة جدًا.

نظام التحكم في الجر (TCS)

يراقب هذا النظام مقدار دوران جميع العجلات المستخدمة. في حالة اكتشاف دوران في العجلات، يتم استخدام ضغط الفرامل على (العجلة) العجلات المنزلقة ويتم خفض طاقة المحرك لتحسين إمكانية التسريع والاستقرار. وهناك ميزة في نظام التحكم في الجر (TCS)، القفل التفاضلي (BLD)، تعمل بصورة مشابهة للتروس التفاضلية محدودة الانزلاق وتتحكم في دوران العجلة عبر محور الدوران المستعمل. في حالة دوران إحدى العجلات على محور دوران مُشغل بشكل أسرع من الآخر، سيقوم النظام باستخدام فرامل العجلة الدائرة. وسيتيح ذلك استخدام المزيد من عزم المحرك على العجلة غير الدائرة. تبقى هذه الميزة نشطة حتى إذا كان نظامي التحكم في الجر (TCS) والتحكم في الاستقرار الإلكتروني (ESC) في وضع "Partial Off" (الإيقاف الجزئي) أو "Full Off" (الإيقاف الكلي). راجع "نظام التحكم في الاستقرار الإلكتروني (ESC)" في هذا القسم لمزيد من المعلومات.

نظام التحكم الإلكتروني في الفرامل

تم تجهيز سيارتك بنظام تحكم بالفرامل إلكتروني متقدم يعرف بنظام الاستقرار الإلكتروني (ESC). ويتضمن هذا النظام نظام الفرامل المانعة للانغلاق (ABS) ونظام التحكم في الجر (TCS) ونظام مساعد الفرامل (BAS) ومساعد بدء التشغيل على المرتفعات (HSA) ونظام تخفيف الانقلاب الإلكتروني (ERM) ونظام التحكم في النزول من على المرتفعات (HDC) وبرنامج الاستقرار الإلكتروني (ESC). تعمل هذه الأنظمة معًا لتحسين كل من استقرار السيارة وإمكانية التحكم بها في ظروف القيادة المختلفة.

كما أن سيارتك مزودة أيضًا بنظام التحكم في تأرجح المقطورة (TSC) وتنبيه جاهزية الفرامل (RAB) ودعم فرامل المطر (RBS). علاوة على أن جميع السيارات المزودة بوحدة نقل الطاقة ثنائية السرعة تحتوي على وحدة التحكم في النزول من على المرتفعات (HDC)، وقد تكون بعض السيارات مزودة أيضًا بنظام التحكم في تحديد السرعة (SSC).

نظام الفرامل المانعة للانغلاق (ABS)

تم تصميم نظام الفرامل المانعة للانغلاق (ABS) لمساعدة السائق في الاحتفاظ بالسيطرة على السيارة في الظروف غير الموائمة لاستعمال الفرامل. ويعمل النظام مع جهاز كمبيوتر منفصل لضبط الضغط الهيدروليكي لمنع قفل العجلات وتجنب الانزلاق على الأسطح الزلقة.

يجب أن تكون جميع عجلات السيارة والإطارات من حجم ونوع واحد ويجب نفخ الإطارات بشكل سليم لتوفير أدق الإشارات للكمبيوتر.

تحذير!

قد تتسبب الزيادة الواضحة في نفخ الإطارات أو النقص الواضح في النفخ، أو استخدام أحجام مختلفة معًا في السيارة في فقدان فعالية الفرامل.

يُجري نظام الفرامل المانعة للانغلاق (ABS) اختبار ذاتي في سرعة منخفضة تبلغ 20 كم/الساعة (12 ميلاً/الساعة) تقريبًا. إذا كنت تضغط بقدمك بشكل خفيف على دواسة الفرامل أثناء إجراء هذا الاختبار، فقد تشعر بحركة بسيطة لدواسة الفرامل. ويتم الشعور بالحركة بشكل أكبر على الطرق الجليدية أو الثلجية. وهذا الأمر طبيعي.

يعمل موتور مضخة نظام الفرامل المانعة للانغلاق (ABS) أثناء الاختبار الذاتي عند سرعة 20 كم/ساعة (12 ميلاً/الساعة) وأثناء توقف نظام الفرامل المانعة للانغلاق (ABS). ويصدر عن موتور المضخة صوت ضوضاء منخفضة أثناء التشغيل، وهو أمر طبيعي.

تحذير!

- إن ضخ الفرامل المانعة للانغلاق يقلل من فعاليتها وقد يسبب ذلك وقوع تصادم. فضخ الفرامل يجعل المسافة المطلوبة للوقوف أطول. اضغط بإحكام على دواسة الفرامل عندما تحتاج إلى خفض السرعة أو الوقوف.
- ليس بمقدور نظام الفرامل المانعة للانغلاق (ABS) منع قوانين الفيزياء الطبيعية من التأثير على السيارة، كما أنه لا يستطيع زيادة كفاءة الفرملة أو توجيه السيارة أكثر من الحالة التي عليها فرامل السيارة والإطارات، أو قدرة الجر المتوفرة.

(تابع)

من خلال الخطوات اللازمة لتفاعل مشغل فرامل التوقف الكهربية (EPB) من أجل إجراء صيانة الفرامل الخلفية.

لكي يتم تنشيط وضع الخدمة يجب استيفاء بعض المتطلبات:

- يجب أن تكون السيارة في متوقفة.
- يجب ألا تكون فرامل التوقف مستخدمة.
- يجب أن يكون ناقل الحركة في وضع Park (التوقف) أو Neutral (اللاتعشيق).

أثناء التواجد في وضع الخدمة، قد يومض مصباح عطل فرامل التوقف الكهربية بشكل مستمر أثناء وجود مفتاح التشغيل في وضع ON (التشغيل).

عند اكتمال أعمال صيانة الفرامل، يجب اتباع الخطوات التالية لإعادة ضبط نظام فرامل التوقف إلى التشغيل العادي:

- تأكد من أن السيارة متوقفة.
- اضغط على دواسة الفرامل بقوة معتدلة.
- استخدم مفتاح فرامل التوقف الكهربية.

تحذير!

يمكنك أن تتعرض للإصابة في حالة العمل داخل أحد المحركات أو حوله. قم بإجراء أعمال الصيانة التي تتوفر لديك المعلومات والمعدات الخاصة بها. وإذا تشككت في قدرتك على إجراء أعمال الخدمة في السيارة، فخذ سيارتك إلى أحد فنيي الميكانيكا المؤهلين.

نظام الفرامل

BRAKE

إن سيارتك مزودة بنظام فرامل هيدروليكي مزدوج. فإذا فقد أحد النظامين الهيدروليكيين القدرة المعتادة يستمر النظام الآخر في العمل. ولكن سيكون ذلك مع بعض الفاقد في قدرة الكبح الكلية. ويلاحظ ذلك من خلال زيادة حركة دواسة الفرامل عند الضغط عليها، إلى جانب المجهود الكبير الذي يتطلبه الضغط على الدواسة للإبطاء أو إيقاف السيارة. بالإضافة إلى ذلك، إذا حدث العطل نتيجة تسرب في النظام الهيدروليكي، فسيضيء "ضوء تحذير نظام الفرامل" عندما ينخفض مستوى سائل الفرامل في الأسطوانة الرئيسية.

في حالة فقدان المساعدة الكهربية لأي سبب (مثل الاستعمال المتكرر للفرامل عند إيقاف تشغيل المحرك) ستستمر الفرامل في أداء عملها. وسيصبح الجهد المطلوب لإيقاف السيارة أكبر مما هو لازم عند تشغيل نظام الفرامل العاملة بالطاقة.

تحذير!

- تؤدي إراحة القدم على الفرامل إلى تلفها واحتمال وقوع حادث تصادم. حيث إن القيادة مع إراحة القدم على دواسة الفرامل يمكن أن يتسبب في ارتفاع درجة حرارة الفرامل بشكل غير طبيعي وتآكل البطانة وتلف الفرامل. وبالتالي لن تتمكن من الاستفادة من قدرة الكبح الكاملة في حالات الطوارئ.
- إن قيادة السيارة أثناء إضاءة "ضوء تحذير الفرامل" يعتبر أمرًا خطيرًا. قد يحدث انخفاض ملحوظ في مستوى أداء الفرامل، أو قد يتأثر استقرار السيارة سلبيًا أثناء محاولة إيقاف السيارة بالضغط على الفرامل. وقد يستغرق الأمر منك مدة طويلة لإيقاف السيارة، وقد يكون من الصعب عليك التحكم في السيارة. مما قد يؤدي إلى وقوع تصادم. افحص الفرامل فورًا.

(تابع)

فرامل التوقف الأوتوماتيكي

يمكن برمجة فرامل التوقف الكهربية ليتم استخدامها تلقائيًا عندما تكون السيارة متوقفة مع وجود ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف)، أو كلما تمت إدارة مفتاح التشغيل إلى وضع "OFF" (إيقاف التشغيل) في حالة ناقل الحركة اليدوي. يتم تمكين فرامل التوقف الأوتوماتيكي وتعطيلها عن طريق اختيار العميل من خلال الميزات القابلة للبرمجة بواسطة العميل في قسم إعدادات نظام ®Uconnect.

يمكن تجاوز أي استخدام مفرد لفرامل التوقف الأوتوماتيكية بالضغط على مفتاح EPB إلى وضع التحرير أثناء وجود ناقل الحركة في وضع PARK (التوقف).

ميزة الإيقاف الآمن

الإيقاف الآمن عبارة عن ميزة أمان لنظام فرامل التوقف الكهربية التي تقوم بتعشيق فرامل التوقف أوتوماتيكيًا في حالة ترك السيارة بشكل غير آمن أثناء وجود مفتاح التشغيل في وضع RUN (الانطلاق).

بالنسبة لناقلات الحركة الأوتوماتيكية، يتم تعشيق فرامل أوتوماتيكيًا في حال توافر جميع الشروط التالية:

- السيارة متوقفة.
- لا توجد محاولة للضغط على دواسة الفرامل أو دواسة الوقود.
- حزام الأمان غير مربوط.
- باب السائق مفتوح.

بالنسبة لناقلات الحركة اليدوية، يتم تعشيق فرامل أوتوماتيكيًا في حال توافر جميع الشروط التالية:

- السيارة متوقفة.
- لا توجد محاولة للضغط على دواسة الفرامل أو دواسة الوقود.
- لم يتم الضغط على دواسة القابض.
- حزام الأمان غير مربوط.
- باب السائق مفتوح.

يمكن تجاوز ميزة الإيقاف الآمن بشكل مؤقت بالضغط على مفتاح فرامل التوقف الكهربية أثناء فتح باب السائق. وبمجرد تجاوزها يدويًا، فسيتم تمكين ميزة الإيقاف الآمن مرة أخرى بمجرد وصول سرعة السيارة إلى 12 ميلاً/الساعة (20 كم/ساعة) أو إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل)، ثم إلى وضع ON (التشغيل) مرة أخرى.

وضع صيانة الفرامل

ننصح بصيانة الفرامل لدى الوكيل المعتمد. ينبغي عليك أن تقوم فقط بالإصلاحات التي لديك معرفة بها ولديك المعدات المناسبة لها. يجب عليك الدخول إلى وضع صيانة الفرامل أثناء صيانة الفرامل فقط.

عند صيانة الفرامل الخلفية, قد يكون من الضروري أن تقوم أنت أو الفني بدفع المكبس الخلفي في الجزء الخلفي من تجويف الآليات الفكية. بفضل استخدام نظام فرامل التوقف الكهربية، يمكن القيام بذلك فقط بعد تفاعل مشغل فرامل التوقف الكهربية. ولحسن الحظ، يمكن القيام برد فعل المشغل بسهولة عن طريق الدخول إلى وضع صيانة الفرامل من خلال "إعدادات نظام ®Uconnect في سيارتك". ستقوم هذه القائمة المعتمدة على النظام بتوجيهك

تحذير!

- لا تستخدم وضع PARK (التوقف) كبديل لفرامل التوقف. واستعمل فرامل التوقف دائمًا بصورة كاملة لتفادي تحرك السيارة وحدوث إصابات.
- عند مغادرة السيارة، قم دائمًا بإخراج حافظة المفاتيح من قرص التشغيل وقم بقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. وعليه فيجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو ذراع النقل.
- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها أو في موضع يتمكن الأطفال من الوصول إليه، ولا تترك سيارة مزودة بميزة دخول السيارة دون مفتاح Keyless Enter-N-Go™ في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

(تابع)

تحذير! (تابع)

- تأكد من إطلاق فرامل التوقف قبل البدء بقيادة السيارة: لأن عدم القيام بذلك قد يؤدي إلى عطل الفرامل ووقوع حادث.
- قم دائمًا باستخدام فرامل التوقف عند ترك السيارة، وإلا فقد تنقلب السيارة وتتسبب في تلف الممتلكات أو الإصابة. تأكد أيضًا من ترك ناقل الحركة في وضع PARK (التوقف). إن عدم تنفيذ ذلك قد يسمح بتدحرج السيارة وحدوث تلفيات أو إصابات.

تنبيه!

إذا استمر "ضوء تحذير الفرامل" في الإضاءة بعد تحرير فرامل التوقف، فإن ذلك يشير إلى احتمال وجود خلل بنظام الفرامل. افحص نظام الفرامل لدى الوكيل المعتمد على الفور.

إذا جعلت بعض الظروف الاستثنائية من الضروري تعشيق فرامل التوقف أثناء تحرك السيارة، فحافظ على الضغط لأعلى على مفتاح فرامل التوقف الكهربية طالما كان التعشيق مطلوبًا. سيضيء مصباح تحذير الفرامل وستصدر إشارة صوتية مستمرة. كما ستضيء أيضًا مصابيح التوقف الخلفية أوتوماتيكيًا أثناء تحرك السيارة.

لإلغاء تعشيق فرامل التوقف أثناء تحرك السيارة، قم بتحرير المفتاح. إذا تم إيقاف السيارة تمامًا باستخدام فرامل التوقف، فسوف تظل فرامل التوقف قيد التعشيق عندما تصل سرعة السيارة إلى ما يقرب من5 كم/ساعة (3 أميال/الساعة).

تحذير!

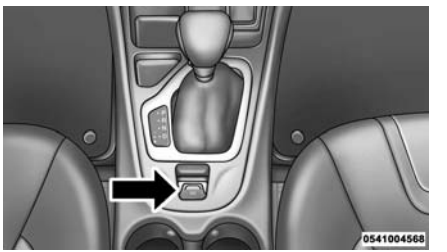
قد تتسبب قيادة السيارة أثناء تعشيق فرامل التوقف أو الاستخدام المتكرر لفرامل التوقف من أجل إبطاء السيارة في حدوث تلف بالغ لنظام الفرامل.

في حالة حدوث عطل في نظام فرامل التوقف الكهربية، سيضيء مصباح عطل EPB الأصفر. وقد يكون ذلك مصحوبًا بوميض مصباح تحذير الفرامل. وفي هذه الحالة، تكون بحاجة إلى الصيانة العاجلة لنظام فرامل التوقف الكهربية. لا تعتمد على فرامل التوقف لإبقاء السيارة متوقفة.

يمكنك تعشيق فرامل التوقف بطريقتين؛

- يدويًا عن طريق استخدام مفتاح فرامل التوقف.
- أوتوماتيكيًا عن طريق تمكين ميزة فرامل التوقف الأوتوماتيكي في قسم الميزات القابلة للبرمجة بواسطة العميل في إعدادات نظام ®Uconnect.

يوجد مفتاح فرامل التوقف في الكونسول المركزي.



مفتاح فرامل التوقف الكهربية

لاستخدام فرامل التوقف يدويًا، قم بجذب المفتاح لأعلى لفترة وجيزة. قد تستمع إلى صوت أزيز بسيط من الجزء الخلفي من السيارة أثناء تعشيق فرامل التوقف. بمجرد تعشيق فرامل التوقف بالكامل، سيضيء مصباح تحذير BRAKE (الفرامل) في مجموعة أجهزة القياس، وسيضيء المؤشر على المفتاح. إذا كانت قدمك على دواسة الفرامل أثناء تعشيق فرامل التوقف، فقد تلاحظ مقدارًا قليلاً من حركة دواسة الفرامل. يمكن استخدام فرامل التوقف حتى عند إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) ولكن لن يضيء مصباح تحذير BRAKE (الفرامل)، غير أنه يمكن تحريرها فقط عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة: يضئ مصباح وجود عطل في فرامل التوقف الكهربية (EPB) إذا تم الضغط على مفتاح EPB لأكثر من 20 ثانية في وضع تحرير الفرامل أو وضع استخدام الفرامل. وينطفئ الضوء عند تحرير المفتاح.

في حالة تمكين ميزة فرامل التوقف الأوتوماتيكي، سيتم تعشيق فرامل التوقف أوتوماتيكيًا عند وضع ناقل الحركة في وضع PARK (التوقف)،أو عند إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) في حالة ناقل الحركة اليدوي. إذا كانت قدمك على دواسة الفرامل، فقد تلاحظ مقدارًا قليلاً من حركة دواسة الفرامل أثناء تعشيق فرامل التوقف.

سيتم تحرير فرامل التوقف أوتوماتيكيًا عند إدارة مفتاح التشغيل إلى وضع ON (التشغيل)، مع وجود ناقل الحركة في وضع Drive (القيادة) أو Reverse (الرجوع للخلف) وربط حزام الأمان والقيام بمحاولة القيادة بعيدًا.

لتحرير فرامل التوقف يدويًا، يجب أن يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق). ضع قدمك على دواسة الفرامل، ثم اضغط لأسفل على مفتاح فرامل التوقف لفترة وجيزة. قد تستمع إلى صوت أزيز بسيط من الجزء الخلفي من السيارة أثناء تحرير فرامل التوقف. يمكنك أيضًا ملاحظة مقدارًا صغيرًا من حركة دواسة الفرامل. بمجرد تحرير فرامل التوقف بالكامل، سيضيء مصباح تحذير BRAKE (الفرامل) في مجموعة أجهزة القياس، وسينطفئ ضوء المؤشر LED على المفتاح.

ملاحظة: عند التوقف على تل، من المهم تدوير العجلات الأمامية إلى حافة الرصيف على المنحدر وبعيدًا عن حافة الرصيف على المرتفع. قم بتشغيل فرامل التوقف قبل وضع ذراع النقل في وضع PARK (التوقف) وإلا فإن الحمل الموجود على آلية قفل ناقل الحركة قد يجعل من الصعب تحريك ذراع النقل إلى خارج وضع PARK (التوقف). يجب استخدم فرامل التوقف دائمًا عندما لا يكون السائق موجودًا في السيارة.

التوجيه المعزز

يقوم نظام التوجيه المعزز كهربيًا بتوفير سيطرة ممتازة على السيارة ويزيد من سهولة الاستدارة في المناطق الضيقة. ويتيح النظام تنويعًا في المساعدة الخاصة به حيث يوفر السهولة أثناء التوقف ويقدم تجربة قيادة جيدة. إذا طرأ عطل على نظام التوجيه المعزز كهربيًا يقلل من المساعدة أو يمنع السيارة من تقديم المساعدة، فسيظل لديك إمكانية توجيه السيارة يدويًا.

تحذير!

قد تعرض نفسك والآخرين إلى الخطر عند الاستمرار في قيادة السيارة بعد انخفاض المساعدة في نظام التوجيه. يجب إجراء أعمال الصيانة في أسرع وقت ممكن.

في حالة ظهور الرسالة "SERVICE POWER STEERING" (نظام التوجيه المعزز بحاجة للصيانة) أو "POWER STEERING ASSIST OFF - SERVICE SYSTEM" (إيقاف مساعد التوجيه المعزز - يلزم صيانة النظام) ورمز عجلة القيادة على شاشة مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)، فهذا يعني أن السيارة بحاجة إلى الذهاب للوكيل للحصول على الخدمة. ويحتمل أن السيارة قد فقدت مساعدة التوجيه المعزز. راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" أو "شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

إذا ظهرت الرسالة "POWER STEERING SYSTEM HOT - PERFORMANCE MAY BE LIMITED" (نظام التوجيه المعزز ساخن - قد يتم تقييد الأداء) ورمز على شاشة مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)، فهذا يعني أنه ربما تم القيام بمناورات توجيه شديدة، مما تسبب في حالة ارتفاع درجة الحرارة في نظام التوجيه المعزز. ستفقد مساعدة التوجيه المعزز بشكل مؤقت حتى تختفي حالة ارتفاع درجة الحرارة. عندما تكون ظروف القيادة آمنة، أوقف السيارة واتركها دائرة في حالة تباطؤ لبضع دقائق حتى ينطفئ المصباح. راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" أو "شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

ملاحظة:

- **وحتى في حالة عدم عمل مساعدة التوجيه المعزز، يمكن توجيه السيارة. وستتطلب هذه الحالة بذل مجهود أكبر لتوجيه السيارة وخاصة في السرعات البطيئة أو أثناء مناورات التوقف.**
- **إذا استمرت الحالة، فراجع الوكيل المعتمد للحصول على الصيانة.**

فرامل التوقف الكهربية (EPB)

قد تكون سيارتك مزودة بنظام فرامل التوقف الكهربية (EPB) الذي يوفر التشغيل السهل وبعض الميزات الإضافية التي تجعل استخدام فرامل التوقف أكثر سهولة وملاءمة.

تهدف فرامل التوقف بشكل أساسي إلى منع انزلاق السيارة أثناء التوقف. قبل مغادرة السيارة، تأكد من التعشيق الكامل لفرامل التوقف. تأكد أيضًا من ترك ناقل الحركة في وضع PARK (التوقف).

الجر أثناء النزول من مرتفع

انقل ناقل الحركة إلى ترس منخفض، ونظام 4WD (الدفع الرباعي) إلى نطاق 4WD LOW (الدفع الرباعي المنخفض) أو حدد التحكم في النزول من على المرتفعات إذا كانت السيارة مزودة بذلك (راجع "نظام التحكم الإلكتروني في الفرامل" في هذا القسم للحصول على مزيد من المعلومات). اترك السيارة تسير ببطء لأسفل المرتفع مع إدارة العجلات الأربع عكس اتجاه سحب ضغط المحرك. يسمح ذلك الأمر لك بالتحكم في سرعة السيارة واتجاهها.

عند هبوط جبل أو منطقة مرتفعة، قد تتسبب الفرملة المتكررة في تضاؤل أثر الفرامل مع فقدان التحكم في الفرامل. تجنب الفرملة القوية المتكررة بإنزال ناقل الحركة إلى ترس منخفض متى كان ذلك ممكنًا.

بعد القيادة على طرق وعرة

تضع القيادة على الطرق الوعرة المزيد من الضغط على السيارة أكثر مما هو حادث عند القيادة على معظم الطرق. يفضل بعد الانتهاء من القيادة على طريق غير ممهد التأكد من عدم وجود أي تلفيات. وبهذه الطريقة يتم التعامل مع أي مشكلة بشكل صحيح وتكون سيارتك جاهزة حال احتياجك لها.

- افحص الجزء السفلي من السيارة بالكامل. افحص الإطارات وهيكل البدن وعجلة القيادة وآلية التعليق ونظام العادم للتأكد من عدم وجود تلف.
- افحص الراديياتير بحثًا عن وجود طين أو رواسب، وقم بتنظيفه إذا لزم الأمر.
- افحص المثبتات للتأكد من شدها، خصوصًا تلك الموجودة على الشاسيه ومكونات مجموعة الدفع والحركة وعجلة القيادة وآلية التعليق. أعد شد هذه المثبتات إذا تطلب الأمر، وانقل العزم إلى القيم المحددة في كتيب الصيانة.
- تأكد من عدم تراكم النباتات أو أي أغصان. تمثل هذه الأشياء مصدرًا للحرائق. وقد تسبب تلف غير ظاهر في خطوط الطاقة وخراطيم الفرامل وسدادات محور الدوران وأعمدة الدعم.
- بعد القيادة لمدد طويلة في الطين أو الرمل أو الماء، أو ظروف مماثلة، قم بإخضاع أسطوانات وبطانات شبكة تبريد السيارة والمروحة والفرامل والعجلات ووصلات محور الدوران للفحص والتنظيف بأسرع ما يمكن.

تحذير!

قد يتسبب استخدام مواد كاشطة على أي جزء من الفرامل في تزايد بلي الفرامل أو الفرملة غير المتوقعة. قد لا تتوافر لديك طاقة الفرامل الكاملة عند احتياجك لها لمنع التصادم. إذا كنت تقود السيارة في ظروف متربة، فافحص الفرامل ونظفها إذا لزم الأمر.

- إذا واجهت اهتزاز غير عادي بعد القيادة في الطرق الطينية أو الموحلة أو ما يشابهها، فافحص العجلات للتأكد من عدم تواجد الأوساخ بين السنون. فقد تتسبب هذه الأوساخ في عدم اتزان العجل وتخليص العجلات منها يصحح هذا الموقف.

الصيانة

بعد قيادة السيارة عبر المياه العميقة، افحص سوائل السيارة وزيوت التشحيم (المحرك وناقل الحركة ووحدة نقل الطاقة ووحدة التوجيه الخلفي) لضمان عدم تلوثها. يجب تصريف/استبدال السائل أو زيت التشحيم الملوث (رغوي المظهر) بأسرع ما يمكن لمنع تلف المكون.

القيادة على الطرق الثلجية والطينية والرملية

في ظروف تساقط الثلوج بكثرة أو عند سحب حمولة أو للتحكم بشكل إضافي أثناء القيادة بسرعات منخفضة، انقل ناقل الحركة إلى ترس منخفض وانقل نظام 4WD (الدفع الرباعي) إلى وضع التضاريس المناسب، مستخدمًا نطاق 4WD LOW (الدفع الرباعي المنخفض)، عند الضرورة. راجع "تشغيل نظام الدفع الرباعي" في "البدء والتشغيل" لمزيد من المعلومات. لا تنتقل إلى ترس منخفض أكثر من اللازم للمحافظة على الحركة للأمام. إن زيادة عدد دورات المحرك قد يؤدي إلى تسارع دوران العجلات وفقدان الجر.

تجنب الانتقال إلى التروس المنخفضة على الطرق الثلجية أو المنزلقة، فقد تتسبب فرملة المحرك في انزلاق السيارة وفقدان التحكم في السيارة.

صعود المرتفعات

ملاحظة: قبل محاولة صعود مرتفع، حدد ظروف قمة المرتفع أو الجانب الآخر منه.

قبل صعود مرتفع شاهق، انقل ناقل الحركة إلى ترس منخفض، وانقل نظام الدفع الرباعي إلى 4WD LOW (وضع الدفع الرباعي المنخفض). استخدم الترس الأول وترس وضع 4WD LOW (الدفع الرباعي المنخفض) للقيادة على المرتفعات الشاهقة.

إذا توقفت سيارتك أو بدأت في فقدان التقدم للأمام أثناء صعود مرتفع شاهق، فاسمح للسيارة بالتوقف ثم اضغط على الفرامل فورًا. أعد تشغيل المحرك وانتقل إلى ترس REVERSE (الرجوع للخلف). تراجع ببطء إلى أسفل المرتفع مع السماح لضغط فرامل المحرك بالمساعدة في تنظيم السرعة. إذا تطلب الأمر استخدام الفرامل للتحكم في سرعة السيارة، فاستخدمها ببطء وتجنب قفل أو انزلاق الإطارات.

تحذير!

إذا توقف المحرك أو فقدت السيارة قوة الدفع للأمام على المرتفع أو المنحدر، فلا تحاول الانعطاف. وقد ينتج عن القيام بذلك ميل السيارة أو انقلابها. ارجع دومًا للخلف بحرص في اتجاه مستقيم عند نزول مرتفع مع وضع السيارة في ترس REVERSE (الرجوع للخلف). لا ترجع بالسيارة مطلقًا عند نزول مرتفع في وضع NEUTRAL (اللاتعشيق) مستخدمًا الفرامل فقط.

تذكر ألا تقود السيارة في اتجاه مائل عبر المرتفع، وتأكد من القيادة دائمًا في اتجاه مستقيم لأعلى أو لأسفل.

إذا بدأت العجلات في الانزلاق مع اقترابك لقمة المرتفع، فخفف الضغط على دواسة الوقود وحافظ على التقدم للأمام بإدارة العجلات الأمامية ببطء إلى اليسار واليمين. قد يوفر ذلك طاقة تشبث جديدة بسطح الطريق ويوفر المزيد من طاقة الجر لإكمال الصعود.

الطرق الوعرة. كلما أمكن، حاول تفادي الانعطافات الحادة أو المناورات المفاجئة. وقد يؤدي عدم تشغيل هذه السيارة بصورة صحيحة، كما هو الحال بالنسبة للسيارات الأخرى من نفس النوع، إلى فقدان السيطرة عليها أو انقلاب السيارة.

إرشادات القيادة على الطرق الوعرة

متى تستخدم نطاق 4WD LOW (الدفع الرباعي المنخفض)

عند القيادة على الطرق غير الممهدة، انتقل إلى وضع 4WD LOW (الدفع الرباعي المنخفض) للحصول على مزيد من طاقة الجر والقدرة على التحكم على الطرق المنزلقة أو الوعرة أو صعود منحدر شديد الانحدار أو النزول منه وكذا لزيادة طاقة السحب منخفض السرعة (راجع "تشغيل الدفع الكلي والدفع الرباعي" في هذا القسم للحصول على مزيد من التفاصيل). يجب أن يكون استخدام هذا النطاق محدودًا بظروف القيادة بالغة الصعوبة مثلما هو الحال عند القيادة في الأراضي الثلجية العميقة أو الطينية أو الرملية أو عند الاحتياج إلى طاقة سحب منخفض السرعة.

يجب تجنب سرعات السيارة التي تزيد على 40 كم/الساعة (25 ميلاً/الساعة) عند التواجد في نطاق 4WD LOW (الدفع الرباعي المنخفض).

القيادة على طرق مغمورة بالمياه

على الرغم من إمكانية قيادة السيارة على طرق مغمورة بالمياه، هناك عدد من الاحتياطات التي يجب أخذها في الاعتبار قبل الدخول في الماء:

تنبيه!

عند القيادة خلال الماء، لا تتجاوز سرعة 8 كم/ساعة (5 أميال/الساعة). افحص عمق المياه دائمًا قبل الدخول فيها كإجراء وقائي، وافحص جميع السوائل بعد الخروج من الماء. إن الخوض في المياه بالسيارة قد ينجم عنه تلف غير مشمول بالضمان المحدود لسيارتك الجديدة.

تتطلب القيادة في الماء الذي يصل عمقه إلى أكثر من عدة سنتيمترات/بوصات توخي مزيد من الحذر لضمان السلامة وتجنب تلف السيارة. إذا كان يتوجب عليك الخوض في بسيارتك في الماء، فحاول تحديد عمق المياه وظروف قاع المياه (وموقع أية عوائق) قبل الخوض فيها. تقدم بحذر وحافظ على سرعة ثابتة خاضعة للتحكم أقل من 5 أميال/الساعة (8 كم/ساعة) في المياه العميقة لتقليل تأثير الأمواج.

الماء المتدفق

إذا كانت المياه تتدفق وترتفع بشكل سريع (مثلما هو الحال في أوقات الأمطار العاتية)، فتجنب عبور المياه حتى ينخفض مستواها و/أو تنخفض سرعة التدفق. إذا كان يتوجب عليك عبور المياه المتدفقة، فتجنب الأعماق الأكثر من 22 سم (9 بوصات). قد يتسبب الماء المتدفق تحت مجرى التيار في غوص سيارتك في الماء العميق. حدد نقطة أو نقاط الخروج في اتجاه مجرى تيار نقطة الدخول للسماح بانجراف السيارة.

الماء الراكد

تجنب القيادة في الماء الراكد الذي يتجاوز عمقه 51 سم (20 بوصة)، وقلل السرعة بشكل مناسب لتقليل تأثيرات الأمواج. السرعة القصوى في عمق 20 بوصة (51 سم) من المياه هي أقل من 5 أميال/الساعة (8 كم/ساعة).

يحتوي ™ Selec-Terrain على الأوضاع التالية:

- **Auto** (أوتوماتيكي) – يمكن استخدام تشغيل الدفع الرباعي الأوتوماتيكي لكامل الوقت على الطرق الممهدة والوعرة. يعمل على موازنة الجر مع التوجيه السلس لتوفير تحكم أفضل وتسارع لسيارات الدفع الثنائي.
- **Snow** (ثلوج) – توليف يتم ضبطه للحصول على مزيد من الثبات في الطقس شديد البرودة. يستخدم في الطرق الممهدة والوعرة على الأسطح الزلقة مثل الثلوج. عند تشغيل الوضع SNOW (ثلوج) (اعتمادًا على ظروف تشغيل معينة)، قد يستخدم ناقل الحركة الترس الثاني (بدلاً من الأول) أثناء عمليات التشغيل لتقليل انزلاق العجلات.
- **Sport** (الرياضة) - يعمل هذا الوضع على تغيير جدول النقل الأوتوماتيكي لناقل الحركة للتمتع بالقيادة الرياضية. تزيد سرعات النقل لأعلى لاستغلال طاقة المحرك المتاحة بالكامل.

ملاحظة: لا يتوفر وضع SPORT (الرياضة) عند اختيار وضع 4WD LOW (الدفع الرباعي المنخفض).

- **Sand/Mud** (رمال/طين) – معايرة للطرق الوعرة للاستخدام على أسطح الجر المنخفض مثل الطين والرمال والحشائش المبتلة. تتم زيادة أداء مجموعة التوجيه للجر. قد يكون هناك شعور بقدر من الربط على الأسطح الأقل سهولة. يتم ضبط مفاتيح التحكم الإلكتروني في الفرامل لتقييد إدارة التحكم في الجر لصمام الاختناق ودوران العجلة.
- **Rock** (صخور) – تتوفر المعايرة للطرق الوعرة فقط في نطاق 4WD LOW (الدفع الرباعي المنخفض). توليف يعتمد على الجر مع تحسين القدرة على التوجيه للاستخدام على الأسطح الوعرة عالية الجر. يستخدم للعوائق أثناء السرعة المنخفضة مثل الصخور الكبيرة والحفر العميقة وغيرها.

ملاحظة:

- **يتوفر وضع Rock (صخور) فقط في السيارات المزودة بحزمة الطرق الوعرة.**
- **قم بتنشيط نظام التحكم في النزول من على المرتفعات أو التحكم في تحديد السرعة من أجل التحكم في النزول على المنحدرات. راجع "نظام التحكم الإلكتروني في الفرامل" في هذا القسم للحصول على مزيد من المعلومات.**

رسائل مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID)

عند وجود الظروف الملائمة، يتم عرض رسالة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID). راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

إرشادات القيادة على الطريق

تتميز سيارات الخدمة بأن لها مساحة خلوص أرضي أكبر وعرض أضيق كي يمكن لها العمل على أنواع متعددة من أسطح الطرق غير الوعرة. فمواصفات التصميم الخاصة تعطي هذه السيارات خلوص أرضي أعلى من السيارات العادية.

ومن مزايا الخلوص الأرضي الأعلى هو تحسين الرؤية للطريق وإمكان توقع المشكلات. إن هذه السيارات غير مصممة للانعطاف بنفس سرعة سيارات الدفع الثنائي التقليدية، وهو أمر شبيه بما ينطبق على السيارات الرياضية المنخفضة فهي غير مصممة للعمل بصورة جيدة في

3. لإلغاء تعشيق القفل الإلكتروني الخلفي، اضغط على زر "القفل الخلفي" مرة واحدة.

ملاحظة:

- **وقد يكون من الضروري القيادة مع التوجيه إلى الخلف والأمام لإكمال تعشيق القفل الإلكتروني الخلفي وإلغاء تعشيقه.**
- **عند تشغيل القفل الإلكتروني الخلفي، ستبدأ أضواء المؤشر في مجموعة أجهزة القياس وعلى زر "القفل الخلفي" في الوميض. عند اكتمال النقل، يظل مؤشر REAR LOCK (القفل الخلفي) مضاءً.**
- **عند إلغاء تعشيق القفل الإلكتروني الخلفي، ستبدأ أضواء المؤشر في مجموعة أجهزة القياس وعلى زر "القفل الخلفي" في الوميض. عند اكتمال النقل، يظل مؤشر REAR LOCK (القفل الخلفي) مطفأ.**
- **يمكن أن يتم الانتقال من وإلى القفل الإلكتروني الخلفي أثناء التوقف الكامل للسيارة، ولكن قد تكمن الصعوبة في عدم محاذاة سن قابض التركيب بشكل صحيح. قد يستلزم الأمر أكثر من محاولة كي يمكن محاذاة سن القابض واكتمال النقل. الأسلوب المفضل هو أن تتحرك السيارة بسرعة أقل من 15 ميلاً/الساعة (24 كم/ساعة)، أثناء إجراء مناورات التوجيه لليمين واليسار للسماح بمحاذاة سن القابض.**
- **يجب إلغاء تعشيق القفل الإلكتروني الخلفي قبل إخراج السيارة من نطاق 4WD LOW (الدفع الرباعي المنخفض). إذا لم تتوافر شروط النقل لوضع 4WD LOW (الدفع الرباعي المنخفض)/الترابط، فسوف تومض رسالة من مركز معلومات السيارة الإلكتروني (EVIC) / شاشة عرض معلومات السائق (DID) بها إرشادات حول كيفية إكمال النقل المطلوب.**

ميزة التضاريس المحددة SELEC-TERRAIN™

الوصف

يحتوي نظام Selec-Terrain™ على إمكانيات أنظمة التحكم بالسيارة، مع الإجراءات الخاصة بالسائق، لتقديم أفضل أداء في جميع أنواع التضاريس.

أدر مقبض Selec-Terrain™ لاختيار الوضع المطلوب.

مفتاح Selec-Terrain™

6. باستخدام قلم ذي سن كروي أو أداة مشابهة، اضغط مطولاً على زر N (اللاتعشيق) الغائر في وحدة نقل الطاقة (الموجود فوق مفتاح التحديد) لمدة أربع ثوان. سيومض الضوء خلف رمز N (اللاتعشيق)، مشيرًا إلى تقدم النقل. وسيتوقف الضوء عن الوميض (يبقى مضيئًا باستمرار) مع اكتمال النقل إلى وضع N (اللاتعشيق).

مفتاح اللاتعشيق

7. بعد اكتمال النقل وإضاءة مصباح وضع N (اللاتعشيق)، قم بتحرير زر وضع N (اللاتعشيق).
8. قم بتشغيل المحرك.
9. قم بتغيير ناقل الحركة إلى ترس REVERSE (الرجوع للخلف).
10. حرر دواسة الفرامل لمدة 5 ثوان وتأكد من عدم وجود حركة بالسيارة.
11. انقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).
12. اضغط على فرامل التوقف.
13. انقل ناقل الحركة إلى ترس PARK (التوقف)، وأوقف تشغيل المحرك، ثم أخرج حافظة المفاتيح.

كرر الخطوات من 1 إلى 7 للخروج من وضع NEUTRAL (اللاتعشيق).

نظام القفل الإلكتروني الخلفي - إذا كانت السيارة مزودة بذلك

يتميز نظام القفل الإلكتروني الخلفي بترس تفاضلي للقفل الميكانيكية لتوفير أفضل سحب في وضع 4WD LOW (الدفع الرباعي المنخفض). يوجد زر "القفل الخلفي" في مقبض Selec-Terrain (التضاريس المحددة).

تنشيط القفل الإلكتروني الخلفي

لتنشيط نظام القفل الإلكتروني الخلفي، يجب استيفاء الشروط التالية:

1. يجب أن يكون نظام 4WD (الدفع الرباعي) في وضع 4WD LOW (الدفع الرباعي المنخفض).
2. وجود مفتاح التشغيل في وضع ON (التشغيل) مع تشغيل المحرك.
3. يجب أن تكون سرعة السيارة أقل من 15 ميلاً/الساعة (24 كم/ساعة).
4. لتشغيل القفل الإلكتروني الخلفي، اضغط على زر "القفل الخلفي" مرة واحدة.

إلغاء تنشيط نظام القفل الإلكتروني الخلفي

لإلغاء تنشيط نظام القفل الإلكتروني الخلفي، يجب استيفاء الشروط التالية:

1. يجب تشغيل القفل الإلكتروني الخلفي وأن يضيء مؤشر REAR LOCK (القفل الخلفي).
2. وجود مفتاح التشغيل في وضع ON (التشغيل) مع تشغيل المحرك.

ملاحظة: إذا لم تتوافر شروط النقل/الترابط، فسوف تومض رسالة من مركز معلومات السيارة الإلكتروني (EVIC) / شاشة عرض معلومات السائق (DID) بها إرشادات حول كيفية إكمال النقل المطلوب. راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

الانتقال من وضع 4X4 LOW (الدفع الرباعي المنخفض)

عندما تكون السيارة في سرعات بين 0 و5 كم/ساعة (0 و3 أميال/الساعة)، وفي ظل وجود قرص التشغيل في وضع ON (التشغيل) ومع عمل المحرك، انقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) واضغط على زر "4WD LOW" (الدفع الرباعي المنخفض) مرة واحدة. يبدأ مصباح مؤشر "4WD LOW" (وضع الدفع الرباعي المنخفض) في مجموعة أجهزة القياس في الوميض ويتوقف عند اكتمال النقل.

ملاحظة:

- **إذا لم تتوافر شروط النقل/الترابط، فسوف تومض رسالة من مركز معلومات السيارة الإلكتروني (EVIC) / شاشة عرض معلومات السائق (DID) بها إرشادات حول كيفية إكمال النقل المطلوب. راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.**
- **يمكن أن يتم الانتقال من وإلى وضع 4WD LOW (الدفع الرباعي المنخفض) أثناء التوقف الكامل للسيارة، ولكن قد تكمن الصعوبة في عدم محاذاة سن قابض التركيب بشكل صحيح. قد يستلزم الأمر أكثر من محاولة كي يمكن محاذاة سن القابض واكتمال النقل. ويفضل القيام بذلك أثناء سير السيارة بسرعة 0 إلى 5 كم/الساعة (0 إلى 3 أميال/الساعة). إذا كانت السيارة تتحرك بسرعة أكبر من 3 أميال/الساعة (5 كم/ساعة)، فلن يسمح نظام 4WD (الدفع الرباعي) بتغيير الترس.**

إجراء النقل إلى وضع NEUTRAL (اللاتعشيق)

تحذير!

قد تتعرض أنت أو الآخرين للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود وحدة نقل الطاقة في وضع N (اللاتعشيق) دون استخدام فرامل التوقف أولاً بشكل كامل. يعمل وضع N (اللاتعشيق) على فصل كل من عمودي التوجيه الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة بالحركة حتى وإن كان ناقل الحركة بوضع PARK (التوقف). يجب استخدام فرامل التوقف دائمًا عندما لا يكون السائق موجودًا في السيارة.

1. أوقف السيارة تمامًا وانقل ناقل الحركة إلى وضع PARK (التوقف).
2. قم بإيقاف تشغيل المحرك.
3. أدر مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق)، لكن لا تقم بتشغيل المحرك.
4. اضغط على دواسة الفرامل وحررها.
5. نقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق).

نظرًا لأن الدفع الرباعي يوفر جرًا محسنًا، تميل سيارات الدفع الرباعي إلى تجاوز سرعات الانعطاف والتوقف. لا تقد السيارة بسرعات لا تسمح بها ظروف الطريق.

أوضاع النقل

لمزيد من المعلومات حول الاستخدام المناسب لكل وضع من أوضاع نظام الدفع الرباعي (4WD)، انظر المعلومات الموضحة أدناه:

NEUTRAL (اللاتعشيق)

يحرر هذا النطاق مجموعة القيادة من مجموعة الدفع والحركة. يتم استخداما للسحب المسطح خلف سيارة أخرى. راجع "الجر من أجل الاستجمام" في "البدء والتشغيل" لمزيد من المعلومات.

تحذير!

قد تتعرض أنت أو الآخرين للإصابة أو الوفاة إذا تركت السيارة دون رقابة مع وجود وحدة نقل الطاقة في وضع N (اللاتعشيق) دون استخدام فرامل التوقف أولاً بشكل كامل. يعمل وضع N (اللاتعشيق) على فصل كل من عمودي

(تابع)

تحذير! (تابع)

التوجيه الأمامي والخلفي عن مجموعة الدفع والحركة، ويسمح للسيارة بالحركة حتى وإن كان ناقل الحركة بوضع PARK (التوقف). يجب استخدام فرامل التوقف دائمًا عندما لا يكون السائق موجودًا في السيارة.

4WD LOW (الدفع الرباعي المنخفض)

يوفر هذا النطاق دفعًا رباعيًا منخفض السرعة. حيث يوفر خفض إضافي للترس مما يتيح زيادة قوة العزم التي يتم توصيلها إلى كلٍ من العجلات الأمامية والخلفية مع توفير أقصى حد لقوة السحب على الطرق ذات الأسطح الرخوة والزلقة فقط. لا تتجاوز سرعة 25 ميلاً/الساعة (40 كم/ساعة).

ملاحظة: راجع "ميزة ®Selec-Terrain – إذا كانت السيارة مزودة بذلك" للحصول على مزيد من المعلومات حول الأوضاع المختلفة والاستخدامات الخاصة بها.

إجراءات النقل

الانتقال إلى وضع 4X4 LOW (الدفع الرباعي المنخفض)

عندما تكون السيارة في سرعات بين 0 و5 كم/ساعة (0 و3 أميال/الساعة)، وفي ظل وجود قرص التشغيل في وضع ON (التشغيل) ومع عمل المحرك، انقل ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) واضغط على زر "4WD LOW" (الدفع الرباعي المنخفض) مرة واحدة. يبدأ مصباح مؤشر"4WD LOW" (الدفع الرباعي المنخفض) في مجموعة أجهزة القياس في الوميض ويبقى ثابتًا على إضاءته مع اكتمال النقل.

مفتاح Selec-Terrain (التضاريس المحددة)

طُرز الدفع الرباعي (4X4) ثنائية السرعة - إذا كانت السيارة مزودة بذلك

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مفتاح الدفع الرباعي (4X4) ثنائي السرعة

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مفتاح الدفع الرباعي (4X4) ثنائي السرعة (مع القفل الخلفي)

يعمل الدفع الرباعي بشكل أوتوماتيكي بالكامل في وضع القيادة العادية. توفر أزرار Selec-Terrain ثلاثة أوضاع قابلة للتحديد:

- 4WD LOW (الدفع الرباعي المنخفض)
- REAR LOCK (القفل الخلفي) (إذا كانت السيارة مزودة بذلك)
- NEUTRAL (اللاتعشيق)

عند الحاجة إلى جر إضافي، يمكن استخدام نطاق 4WD LOW (الدفع الرباعي المنخفض) لتوفير خفض إضافي للترس مما يتيح زيادة قوة العزم التي يتم توصيلها إلى كلٍ من العجلات الأمامية والخلفية. إن وضع 4WD LOW (الدفع الرباعي المنخفض) مصمم للاستعمال على أسطح الطرق الرخوة أو الزلقة فقط. قد تؤدي القيادة في وضع 4WD LOW (الدفع الرباعي المنخفض) على سطح صلب وجاف إلى زيادة تآكل الإطار وتلف مكونات مجموعة القيادة.

عند تشغيل السيارة في وضع 4WD LOW (الدفع الرباعي المنخفض) تكون سرعة المحرك ثلاثة مرات تقريبًا سرعته في وضع القيادة العادية عند سرعة طريق معينة. احترس من زيادة سرعة المحرك ولا تتجاوز سرعة 40 كم/الساعة (25 ميلاً/الساعة).

يعتمد التشغيل الصحيح لسيارات الدفع الرباعي على الإطارات ذات الحجم والنوع ومحيط العجلة المتساوي. ويؤثر أي اختلاف عكسيًا على نقل السرعة وقد يتسبب في تلف مكونات مجموعة القيادة.

قابض محول العزم

هذه الميزة مصممة لتحسين ترشيد استهلاك الوقود وهي الميزة المضافة لناقل الحركة الأوتوماتيكي في هذه السيارة. يتم التعشيق الأوتوماتيكي للقابض داخل محول العزم في السرعات المدرجة. إن هذا الأمر قد ينجم عنه شعور أو ردة فعل مختلفين نسبيًا ً أثناء التشغيل العادي في التروس العلوية. عندما تنخفض سرعة السيارة أو أثناء بعض التسارع، يتوقف تعشيق القابض أوتوماتيكيًا.

ملاحظة: لن يتم تعشيق قابض محول العزم حتى يصبح سائل ناقل الحركة دافئًا (عادةً بعد قيادة مسافة 2 إلى 5 كم [من 1 إلى 3 أميال]). نظرًا لأن سرعة المحرك تكون أعلى عند عدم تعشيق قابض محول العزم، فقد يبدو أن ناقل الحركة لا يقوم بالنقل بشكل صحيح عندما يبرد، وهذا الأمر طبيعي. سيعمل قابض محول العزم بصورة عادية بمجرد تسخين ناقل الحركة بدرجة كافية.

تشغيل نظام الدفع الرباعي

طُرز الدفع الرباعي (4X4) أحادية السرعة - إذا كانت السيارة مزودة بذلك

تقوم هذه الميزة بتوفير الدفع الرباعي (4X4) حسب الحاجة. إن هذا النظام أوتوماتيكي ولا يحتاج إلى أي إجراء من السائق أو أية مهارات قيادة إضافية. وفي ظروف القيادة الاعتيادية تقوم العجلات الأمامية بتوفير معظم قوة الجر. وإذا بدأت العجلات الأمامية بفقدان قوة الجر، فسيتم انتقال القوة أوتوماتيكيًا إلى العجلات الخلفية. وكلما ازداد فقدان القوة من العجلات الأمامية ازداد انتقالها إلى العجلات الخلفية.

مفتاح الدفع الرباعي (4X4) أحادي السرعة

بالإضافة إلى ذلك، على الطرق الجافة في ظروف إدخال صمام الاختناق الكثيفة (حيث قد لا يحدث دوران للعجلة في الترس الأول)، سيتم إرسال العزم إلى الخلف بجهد استباقي لتحسين انطلاق السيارة وخصائص الأداء.

تنبيه!

يجب أن تكون جميع العجلات من نفس الحجم والنوع. ويجب عدم استخدام أحجام مختلفة من الإطارات. فقد يؤدي استخدام أحجام مختلفة من الإطارات إلى عطل وحدة نقل الطاقة.

في حالة حدوث مشكلة مؤقتة، يمكن إعادة ضبط ناقل الحركة لاسترداد عمل جميع التروس الأمامية وذلك عن طريق تنفيذ الخطوات التالية:

1. أوقف السيارة.
2. قم بتغيير ناقل الحركة إلى ترس PARK (التوقف).
3. أدر مفتاح التشغيل إلى وضع LOCK/OFF (القفل/إيقاف التشغيل).
4. انتظر 10 ثوان تقريبًا.
5. أعد تشغيل المحرك.
6. ضع ذراع تغيير التروس في نطاق الترس المطلوب.

عند انتهاء المشكلة، يعود ناقل الحركة إلى ظروف التشغيل العادية.

ملاحظة: ينصح بزيارة الوكيل المعتمد في أقرب فرصة ممكنة حتى ولو كان بالإمكان إعادة ضبط ناقل الحركة. فلدى الوكيل المعتمد معدات تشخيص خاصة لتحديد ما إذا كانت هذه المشكلة ستتكرر أم لا. إذا تعذر إعادة ضبط ناقل الحركة، فمن الضروري مراجعة الوكيل المعتمد.

تشغيل الاختيار الإلكتروني للنطاق (ERS)

يتيح مفتاح التحكم الاختيار الإلكتروني للنطاق (ERS) للسائق تقييد أعلى ترس متاح. على سبيل المثال، إذا قمت بنقل ناقل الحركة إلى 5 (الترس الخامس)، لن ينتقل ناقل الحركة إلى ترس أعلى من الترس الخامس، ولكن يتم النقل إلى التروس المنخفضة بشكل طبيعي.

يمكنك التنقل بين وضع DRIVE (القيادة) ووضع الاختيار الإلكتروني للنطاق (ERS) في أي سرعة للسيارة. عندما يكون ذراع النقل في وضع DRIVE (القيادة)، سيعمل ناقل الحركة أوتوماتيكيًا، متنقلاً بين جميع التروس المتوفرة.

يعمل نقل ذراع ناقل الحركة إلى وضع الاختيار الإلكتروني للنطاق (ERS) (بجوار DRIVE (وضع القيادة)) على تنشيط وضع الاختيار الإلكتروني للنطاق (ERS) وعرض الترس الحالي في مجموعة أجهزة القياس والحفاظ على هذا الترس كأعلى ترس متاح. بمجرد تشغيل وضع الاختيار الإلكتروني للنطاق (ERS)، يؤدي تحريك ذراع النقل إلى الأمام (-) أو إلى الخلف (+) إلى تغيير أعلى ترس متوفر.

للخروج من وضع الاختيار الإلكتروني للنطاق (ERS)، ما عليك إلا إعادة ذراع النقل إلى وضع DRIVE (القيادة).

تحذير!

لا تخفض السرعة للحصول على مزيد من الفرملة للمحرك على الطرق الزلقة. لأن ذلك قد يفقد العجلات الموجهة قدرتها على التماسك وتنزلق السيارة مما قد يتسبب في وقوع تصادم أو إصابة شخصية.

ملاحظة: لاختيار وضع الترس المناسب لأقصى خفض للسرعة (فرملة المحرك)، حرك ذراع النقل إلى وضع ERS (الاختيار الإلكتروني للنطاق)، ثم اضغط مطولاً على مفتاح ERS (-) لأسفل. يتحول ناقل الحركة إلى النطاق الذي يمكن إبطاء السيارة منه بشكل أفضل.

القيادة (D)

ينبغي استخدام هذا النطاق عند السير داخل غالبية المدن وعلى الطرق السريعة. حيث يعد هذا أكثر تروس السرعة سلاسة في النقل لترس أعلى أو أقل وأكثرها ترشيدًا لاستهلاك الوقود. ينتقل ناقل الحركة أوتوماتيكيًا إلى ترس أعلى من خلال جميع التروس الأمامية. ويوفر وضع DRIVE (القيادة) خواص القيادة القصوى في جميع ظروف التشغيل الطبيعية.

عند تكرار نقل ناقل الحركة (كما يحدث عند تشغيل السيارة في ظل ظروف تحميل شاقة أو على المرتفعات أو في مواجهة الريح القوية أو أثناء سحب مقطورات ضخمة)، استخدم مفتاح نقل الاختيار الإلكتروني للنطاق (ERS) (راجع "تشغيل الاختيار الإلكتروني للنطاق (ERS)" في هذا القسم للتعرف على مزيد من المعلومات) لتحديد نطاق الترس الأقل. في مثل هذه الظروف، يؤدي استخدام ترس منخفض إلى تحسين الأداء وإطالة عمر ناقل الحركة وذلك بتقليل نقل التروس بإفراط والحيلولة دون تراكم الحرارة.

إذا تجاوزت درجة حرارة ناقل الحركة حدود التشغيل العادية، فقد تقوم وحدة التحكم في ناقل الحركة بتعديل جدول تبديل تروس ناقل الحركة و/أو تقليل عزم المحرك و/أو توسيع نطاق تعشيق قابض محول العزم. وذلك لتجنب تلف ناقل الحركة نتيجة السخونة المفرطة.

إذا ارتفعت درجة حرارة ناقل الحركة بشكل كبير، فقد يضيء "مصباح تحذير ارتفاع درجة حرارة ناقل الحركة" وربما يعمل ناقل الحركة بشكل مختلف حتى يبرد ناقل الحركة.

أثناء التشغيل في درجة الحرارة الباردة، قد يتم تعديل تشغيل ناقل الحركة وفقًا لدرجة حرارة المحرك وناقل الحركة وأيضًا سرعة السيارة. تزيد تلك الميزة من حسن استغلال وقت تسخين المحرك وناقل الحركة بغية الحصول على أقصى كفاءة في التشغيل. يُمنع تعشيق قابض محول العزم والتبديلات في الترس الثامن والتاسع حتى يسخن سائل ناقل الحركة (راجع "ملاحظة" ضمن "قابض محول العزم" بهذا الدليل). سيتم استئناف التشغيل العادي عند ارتفاع درجة حرارة ناقل الحركة إلى مستوى مناسب.

وضع SPORT (الرياضة) - إذا كانت السيارة مزودة بذلك

يعمل هذا الوضع على تغيير جدول النقل الأوتوماتيكي لناقل الحركة للتمتع بالقيادة الرياضية. تزيد سرعات النقل لأعلى لاستغلال طاقة المحرك المتاحة بالكامل.

يتم تنشيط وضع SPORT (الرياضة) باستخدام المفتاح الدوار على الكونسول المركزي. راجع "التضاريس المحددة Selec-Terrain" في هذا القسم للحصول على مزيد من المعلومات.

وضع التحرك البطيء لناقل الحركة

تتم مراقبة وظيفة ناقل الحركة إلكترونيًا عند مواجهة ظروف غير عادية. عند اكتشاف أي حالة من الحالات التي قد تتسبب في تلف ناقل الحركة، يتم تنشيط وضع التحرك البطيء لناقل الحركة. في هذا الوضع، يظل ناقل الحركة في الترس الرابع بغض النظر عن اختيار ترس السير إلى الأمام. تستمر أوضاع PARK (التوقف) وREVERSE (الرجوع للخلف) وNEUTRAL (اللاتعشيق) في العمل. قد يضيء مصباح مؤشر العطل (MIL). يتيح وضع التحرك البطيء إمكانية قيادة السيارة إلى الوكيل المعتمد لصيانتها دون حدوث أي تلف لناقل الحركة.

تنبيه!

- قبل تحريك ذراع النقل من وضع PARK (التوقف)، يجب إدارة مفتاح التشغيل من وضع LOCK/OFF (القفل/إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق)، وأيضًا الضغط على دواسة الفرامل. وإلا فقد يؤدي ذلك إلى حدوث تلف في ذراع النقل.
- لا تقم بتسريع المحرك عند نقل التروس من وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) إلى نطاق ترس آخر لأن ذلك قد يتلف مجموعة الدفع والحركة.

ينبغي اتباع المؤشرات التالية لضمان تعشيق ناقل الحركة في وضع PARK (التوقف):

- عند النقل إلى وضع PARK (التوقف)، اضغط على زر القفل الموجود في ذراع النقل ثم ادفع الذراع بالكامل للأمام إلى أن يتوقف ويستقر بالكامل.
- انظر إلى شاشة وضع ترس ناقل الحركة وتحقق من أنها تشير إلى وضع PARK (التوقف).
- عند تحرير دواسة الفرامل، تحقق من أن ذراع النقل لم تخرج من وضع PARK (التوقف).

وضع الرجوع للخلف (R)

يستخدم هذا النطاق لتحريك السيارة إلى الخلف. انقل ذراع تغيير التروس إلى وضع REVERSE (الرجوع للخلف) فقط بعد إيقاف السيارة تمامًا.

اللاتعشيق (N)

استخدم هذا النطاق عند وقوف السيارة لفترات طويلة مع تشغيل المحرك. وبالإمكان بدء تشغيل المحرك عند وضع ناقل الحركة في هذا الوضع. استخدم فرامل التوقف وبدل ناقل الحركة إلى وضع PARK (التوقف)، إذا كان من الضروري مغادرة السيارة.

تحذير!

لا تقم بالهبوط من مكان مرتفع مع استخدام وضع NEUTRAL (اللاتعشيق) ولا تقم بإيقاف تشغيل المحرك في هذه الظروف. تعتبر هذه الممارسات غير الآمنة مقيدة لاستجابتك عند تغير ظروف المرور أو الطريق. فقد تفقد القدرة على التحكم في السيارة، وقد يحدث تصادم.

تنبيه!

قد ينجم عن سحب السيارة أو تركها تهبط بفعل الجاذبية أو القيادة لأي سبب في ظل وجود ناقل الحركة في وضع NEUTRAL (اللاتعشيق) تلف كبير بناقل الحركة. راجع "الجر من أجل الاستجمام" في "البدء والتشغيل" و"سحب سيارة معطلة" ضمن "ما يجب أن تفعله في الحالات الطارئة" للتعرف على مزيد من المعلومات.

عند التوقف على مرتفع، استخدم فرامل التوقف قبل نقل ناقل الحركة إلى وضع PARK (التوقف)، وإلا فقد يؤدي الحمل على ميكانيكية قفل ناقل الحركة إلى صعوبة حركة ذراع النقل خارج وضع PARK (التوقف). ولمزيد من الاحتياط أدر العجلات الأمامية باتجاه الرصيف عند الوقوف على سفح منحدر وبعيدًا عن الرصيف عند الوقوف على سفح مرتفع.

تحذير!

- لا تستخدم وضع PARK (التوقف) كبديل لفرامل التوقف. واستعمل فرامل التوقف دائمًا بصورة كاملة لتفادي تحرك السيارة وحدوث إصابات.
- قد تتحرك سيارتك وتتسبب في إصابتك والآخرين إذا لم تكن في وضع PARK (التوقف). تحقق من ذلك عن طريق محاولة تحريك ذراع النقل خارج وضع PARK (التوقف) مع تحرير دواسة الفرامل. تأكد من وجود ناقل الحركة في وضع PARK (التوقف) قبل مغادرة السيارة.

(تابع)

تحذير! (تابع)

- إن تغيير التروس من وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) عندما تكون سرعة المحرك أعلى من سرعة التباطؤ ينطوي على خطورة. فإذا لم تكن قدمك على دواسة الفرامل بأكملها، فباستطاعة السيارة التعجيل نحو الأمام أو الخلف بسرعة عالية. وقد تفقد السيطرة على السيارة وترتطم بأحد أو بشيء ما. قم بتغيير التروس فقط عند تباطؤ المحرك بشكل طبيعي بينما تكون قدمك على دواسة الفرامل بصورة تامة.
- تؤدي حركة السيارة بشكل غير مقصود إلى إصابة من يقف داخل السيارة أو بالقرب منها. وبالنسبة لجميع السيارات، لا ينبغي عليك مطلقًا مغادرة السيارة أثناء تشغيل المحرك. يجب عليك قبل الخروج من السيارة، القيام دومًا بتعشيق فرامل التوقف ونقل ناقل الحركة إلى وضع PARK (التوقف) وإيقاف تشغيل المحرك وإخراج حافظة المفاتيح. عندما يكون مفتاح التشغيل في وضع LOCK/OFF (إيقاف التشغيل/القفل) الكامل (إزالة المفتاح)، يتم احتجاز ناقل الحركة في وضع PARK (التوقف) لتأمين السيارة من أي حركة محتملة غير مرغوبة.

(تابع)

تحذير! (تابع)

- عند مغادرة السيارة، تأكد دومًا أن مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، وقم بإزالة حافظة المفاتيح من السيارة وقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. وعليه فيجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو ذراع النقل.
- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها (أو في مكان يتمكن الأطفال من الوصول إليه)، ولا تترك مفتاح التشغيل (بسيارة مزودة بميزة دخول السيارة دون مفتاح ™Keyless Enter-N-Go) في وضع ACC (الملحقات) أو وضع ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

يتم الانتقال من وضع DRIVE (القيادة) إلى وضع PARK (التوقف) أو REVERSE (الرجوع للخلف) عند تحرير دواسة الوقود وتوقف السيارة فقط. تأكد من إبقاء قدمك على دواسة الفرامل عند النقل بين هذه التروس.

يضم ذراع ناقل الحركة أوضاع PARK (التوقف) وREVERSE (الرجوع للخلف) وNEUTRAL (اللاتعشيق) وDRIVE (القيادة) والاختيار الإلكتروني للنطاق (ERS). يمكن القيام بالنقلات اليدوية لسرعات أقل باستخدام الاختيار الإلكتروني للنطاق (ERS) (راجع العنوان "تشغيل الاختيار الإلكتروني للنطاق (ERS)" في هذا القسم). يعمل تحريك ذراع النقل إلى وضع الاختيار الإلكتروني للنطاق (-/+) (بجانب وضع DRIVE (القيادة)) على تنشيط وضع الاختيار الإلكتروني للنطاق (ERS) وعرض الترس الحالي في مجموعة أجهزة القياس، كما يمنع النقل الأوتوماتيكي لترس أعلى بحيث يتجاوز هذا الترس. في وضع الاختيار الإلكتروني للنطاق (ERS)، يعمل تبديل ذراع النقل إلى الأمام (-) أو إلى الخلف (+) على التغيير إلى أعلى ترس متاح.

ملاحظة: إذا تعذر تحريك ذراع النقل إلى وضع PARK (التوقف) أو REVERSE (الرجوع للخلف) أو وضع NEUTRAL (اللاتعشيق) (عند الضغط للأمام)، فسيكون على الأرجح في الوضع ERS (+/-) (إلى جانب وضع DRIVE (القيادة)). في وضع الاختيار الإلكتروني للنطاق (ERS)، يتم عرض حد ترس ناقل الحركة (1 أو 2 أو 3، إلخ) في مجموعة أجهزة القياس. حرك ذراع النقل إلى اليمين (إلى وضع DRIVE (القيادة)) للوصول إلى وضع PARK (التوقف) وREVERSE (الرجوع للخلف) وNEUTRAL (اللاتعشيق).

ذراع النقل

نطاقات التروس

لا تقم بتسريع المحرك عند نقل التروس من وضع PARK (التوقف) أو NEUTRAL (اللاتعشيق) إلى نطاق ترس آخر.

ملاحظة: بعد اختيار أي وضع للتروس، انتظر قليلاً للسماح بتعشيق الترس المحدد قبل بدء التسارع. وهذا الأمر يعد هامًا عندما يكون المحرك باردًا.

التوقف (P)

يعتبر هذا النطاق مكملاً لفرامل التوقف إذ إنه يقوم بقفل ناقل الحركة. وبالإمكان بدء تشغيل المحرك عند وضع ناقل الحركة في هذا الوضع. امتنع منعًا باتًا عن استخدام وضع PARK (التوقف) أثناء تحرك السيارة. قم بتنشيط فرامل التوقف عند ترك السيارة على هذا النطاق.

عند التوقف على سطح مستو، يمكنك نقل ناقل الحركة إلى وضع PARK (التوقف) أولاً ثم استخدام فرامل التوقف.

نظام ترابط وضع التوقف مع مفتاح التشغيل

هذه السيارة مزودة بنظام ترابط وضع التوقف مع مفتاح التشغيل والذي يتطلب أن يوضع ناقل الحركة في وضع PARK (التوقف) قبل تدوير مفتاح التشغيل إلى وضع LOCK/OFF (القفل/إيقاف التشغيل) (إزالة المفتاح). لا يمكن إخراج حافظة المفاتيح من قرص التشغيل إلا عندما يكون مفتاح التشغيل في وضع LOCK/OFF (القفل/إيقاف التشغيل) وقفل ناقل الحركة في وضع PARK (التوقف) كلما كان مفتاح التشغيل في وضع LOCK/OFF (القفل/إيقاف التشغيل).

نظام ترابط الفرامل/ناقل الحركة

تم تزويد هذه السيارة بنظام ترابط بين الفرامل وناقل الحركة (BTSI) والذي يحتفظ بذراع النقل في وضع PARK (التوقف) ما لا يتم الضغط على الفرامل. لتحريك ناقل الحركة خارج وضع PARK (التوقف)، يجب إدارة مفتاح التشغيل إما إلى وضع ON/RUN (التشغيل/الانطلاق) (سواء كان المحرك قيد التشغيل أم لا) مع الضغط على دواسة الفرامل.

يجب الضغط على دواسة الفرامل للانتقال من وضع NEUTRAL (اللاتعشيق) إلى DRIVE (القيادة) أو REVERSE (الرجوع للخلف) عندما تكون السيارة متوقفة أو متحركة بسرعة منخفضة.

وضع ECO (ترشيد استهلاك الوقود)

يمكن أن يحسن وضع ECO (ترشيد استهلاك الوقود) من استهلاك الوقود الإجمالي للسيارة أثناء ظروف القيادة العادية. لتنشيط وضع ECO (ترشيد استهلاك الوقود)، اضغط على زر "Controls" (مفاتيح التحكم) على شاشة اللمس، ثم اضغط على زر "ECO" على شاشة اللمس. عند تشغيل وضع ECO (ترشيد استهلاك الوقود)، سوف يضيء لون أخضر في المجموعة الوسطى من مجموعة أجهزة القياس، وسوف يضيء أيضًا ضوء ECO الأخضر في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات للسائق (DID). في طُرز الدفع الرباعي (4WD)، يكون وضع ECO (ترشيد استهلاك الوقود) نشطًا فقط في وضع القيادة "4WD Auto" (الدفع الرباعي الأوتوماتيكي). إذا قمت بالتبديل إلى وضع قيادة آخر، فسوف يتحول زر ECO إلى اللون الرمادي ويختفي ضوء ECO من لوحة أجهزة القياس مما يشير إلى أن السيارة لم تعد في وضع ECO (ترشيد استهلاك الوقود).

ستتم إعادة تمكين وضع ECO (ترشيد استهلاك الوقود) عند الرجوع مرة أخرى إلى وضع 4WD Auto (الدفع الرباعي الأوتوماتيكي).

ناقل الحركة الأوتوماتيكي تسعاوي السرعة

يتم عرض نطاق ترس ناقل الحركة (PRND) على كل من ذراع النقل وفي مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID). لتحديد نطاق أحد التروس، اضغط على زر القفل بذراع النقل وحرك الذراع للأمام وللخلف. يجب أيضًا أن تضغط على دواسة الفرامل لنقل ناقل الحركة خارج وضع PARK (التوقف) أو للانتقال من وضع NEUTRAL (اللاتعشيق) إلى DRIVE (القيادة) أو REVERSE (الرجوع للخلف) عندما تكون السيارة متوقفة أو متحركة بسرعة منخفضة (راجع "نظام ترابط الفرامل/ناقل الحركة"). حدد نطاق DRIVE (القيادة) للقيادة العادية.

يوفر ناقل الحركة المدار إلكترونيًا جدول نقل دقيق للتروس. وتتميز الأجهزة الإلكترونية لناقل الحركة بالمعايرة الذاتية، لذا قد تلاحظ تقطعات فجائية خلال تبديلات التروس الأولى في السيارة الجديدة الاستخدام. وهذا الأمر طبيعي ويتم الرجوع إلى سرعات الانتقال عالية الدقة بعد القيادة لبضعة مئات من الكيلومترات (الأميال).

تحذير! (تابع)

- تؤدي حركة السيارة بشكل غير مقصود إلى إصابة من يقف داخل السيارة أو بالقرب منها. وبالنسبة لجميع السيارات، لا ينبغي عليك مطلقًا مغادرة السيارة أثناء تشغيل المحرك. يجب عليك قبل الخروج من السيارة، القيام دومًا بتعشيق فرامل التوقف ونقل ناقل الحركة إلى وضع PARK (التوقف) وإيقاف تشغيل المحرك وإخراج حافظة المفاتيح. عندما يكون مفتاح التشغيل في وضع LOCK/OFF (إيقاف التشغيل/القفل) الكامل (إزالة المفتاح)، يتم احتجاز ناقل الحركة في وضع PARK (التوقف) لتأمين السيارة من أي حركة محتملة غير مرغوبة.
- عند مغادرة السيارة، تأكد دومًا أن مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، وقم بإزالة حافظة المفاتيح من السيارة وقفل السيارة.

(تابع)

تحذير! (تابع)

- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. وعليه يجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد ترس ناقل الحركة.
- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها (أو في مكان يتمكن الأطفال من الوصول إليه)، ولا تترك مفتاح التشغيل (بسيارة مزودة بميزة دخول السيارة دون مفتاح ™Keyless Enter-N-Go) في وضع ACC (الملحقات) أو وضع ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

تنبيه!

قد يتعرض ناقل الحركة للتلف إذا لم تراع الاحتياطات الواردة أدناه:

- انتقل إلى وضع PARK (التوقف) أو وضع REVERSE (الرجوع للخلف) أو قم بالنقل خارجهما فقط بعد إيقاف السيارة تمامًا.
- لا تقم بالتبديل بين وضع PARK (التوقف) أو وضع REVERSE (الرجوع للخلف) أو وضع NEUTRAL (اللاتعشيق) أو وضع DRIVE (القيادة) عندما تكون سرعة المحرك أكبر من سرعة التباطؤ.
- قبل تحريك ذراع تغيير التروس إلى أي ترس تأكد من وضع قدمك على دواسة الفرامل بصورة محكمة.

ملاحظة: يجب الضغط مطولاً على دواسة الفرامل أثناء الخروج من وضع PARK (التوقف).

عطل النظام

في حالة وجود عطل في نظام STOP/START (الإيقاف/بدء التشغيل)، فلن يتمكن النظام من إيقاف تشغيل المحرك. سوف تظهر رسالة "SERVICE STOP/START SYSTEM" (صيانة نظام الإيقاف/بدء التشغيل) في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID). راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" أو "شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

إذا لم تظهر رسالة "SERVICE STOP/START SYSTEM" (صيانة نظام الإيقاف/بدء التشغيل) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)، فافحص النظام لدى الوكيل المعتمد.

سخان كتلة المحرك - إذا كانت السيارة مزودة بذلك

يقوم سخان كتلة المحرك بتسخين المحرك وتسمح بعمليات تشغيل سريعة في الطقس البارد. قم بتوصيل السلك بمنفذ تيار كهربي متردد قياسي تتراوح شدته من 110 إلى 115 فولت مع سلك تطويل مؤرض ثلاثي.

يوجد سلك سخان كتلة المحرك أسفل الغطاء ومثبت في خط جهاز التدفئة على الجانب الأيسر من المحرك.

يجب توصيل سخان كتلة المحرك خلال ساعة واحدة على الأقل للحصول على تأثير تدفئة كاف على المحرك.

تحذير!

تذكر فصل سلك سخان كتلة المحرك قبل القيادة. قد يتسبب تلف سلك التيار الكهربي الذي تتراوح شدته من 110 إلى 115 فولت من التيار المتردد في حدوث صدمة كهربية.

ناقل الحركة الأوتوماتيكي

تحذير!

• إن تغيير التروس من وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) عندما تكون سرعة المحرك أعلى من سرعة التباطؤ ينطوي على خطورة. فإذا لم تكن قدمك على دواسة الفرامل بأكملها، فباستطاعة السيارة التعجيل نحو الأمام أو الخلف بسرعة عالية. وقد تفقد السيطرة على السيارة وترتطم بأحد أو بشيء ما. قم بتغيير التروس فقط عند تباطؤ المحرك بشكل طبيعي بينما تكون قدمك على دواسة الفرامل بصورة تامة.

(تابع)

- الضغط على مفتاح STOP/START OFF (إيقاف الإيقاف/بدء التشغيل).
- حدوث خطأ في نظام STOP/START (الإيقاف/بدء التشغيل).
- وضع نظام الدفع الرباعي في وضع 4LO (الرباعي المنخفض).

الظروف التي تفرض تشغيل فرامل التوقف الكهربية أثناء التواجد في وضع التوقف الأوتوماتيكي:

- باب السائق مفتوح وتم تحرير دواسة الفرامل.
- باب السائق مفتوح وحزام مقعد السائق غير مربوط.
- تم فتح غطاء المحرك.
- حدوث خطأ في نظام STOP/START (الإيقاف/بدء التشغيل).

إذا تم استخدام فرامل التوقف الكهربية أثناء إيقاف تشغيل المحرك، فقد يتطلب المحرك إعادة بدء التشغيل يدويًا وقد يتطلب الأمر تحرير فرامل التوقف الكهربي يدويًا (اضغط على دواسة الفرامل ثم اضغط على مفتاح فرامل التوقف الكهربية). راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" أو "شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

لإيقاف تشغيل نظام بدء التشغيل/الإيقاف يدويًا

1. اضغط على مفتاح STOP/START Off (إيقاف تشغيل نظام الإيقاف/بدء التشغيل) (الموجود على مجموعة المفاتيح). يضئ الضوء الموجود على المفتاح.

مفتاح "STOP/START OFF" (إيقاف تشغيل نظام الإيقاف/بدء التشغيل)

2. سوف تظهر رسالة "STOP/START OFF" (نظام الإيقاف/بدء التشغيل) في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID). راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" أو "شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.
3. في التوقف التالي للسيارة (بعد إيقاف تشغيل نظام STOP/START (الإيقاف/بدء التشغيل)) لن يتم إيقاف تشغيل المحرك.
4. ويقوم نظام STOP/START (الإيقاف/بدء التشغيل) بضبط نفسه على حالة ON (التشغيل) في كل مرة يتم فيها تدوير مفتاح التشغيل إلى إيقاف التشغيل ثم التشغيل.

لتشغيل نظام بدء التشغيل/الإيقاف يدويًا

اضغط على مفتاح STOP/START Off (إيقاف تشغيل نظام الإيقاف/بدء التشغيل) (الموجود على مجموعة المفاتيح). سينطفئ الضوء على المفتاح.

- درجة حرارة البطارية ساخنة للغاية أو باردة للغاية.
- شحن البطارية منخفض.
- السيارة على منحدر شديد الانحدار.
- تدفئة الكابينة أو تبريدها قيد التشغيل ولم يتم تحقيق درجة حرارة الكابينة المقبولة.
- تم ضبط التسخين والتهوية ومكيف الهواء (HVAC) على وضع إزالة الصقيع الكامل في سرعة المروحة العالية.
- تم ضبط التسخين والتهوية ومكيف الهواء (HVAC) على MAX A/C (الحد الأقصى لمكيف الهواء).
- المحرك لم يصل لدرجة التشغيل العادية.
- ناقل الحركة ليس في ترس أمامي.
- غطاء المحرك مفتوح.
- السيارة في وضع علبة النقل 4LO (الرباعي المنخفض).
- لم يتم الضغط على دواسة الفرامل بضغط كافي.

العوامل الأخرى التي قد تمنع التوقف الأوتوماتيكي تشمل:

- مستوى الوقود.
- إدخال دواسة الوقود.
- درجة حرارة المحرك مرتفعة للغاية.
- لم يتحقق حد 5 أميال/الساعة من التوقف الأوتوماتيكي السابق.
- زاوية التوجيه أكثر من الحد.
- نظام التحكم في السرعة الثابتة المهايئة (ACC) في وضع التشغيل وتم ضبط السرعة.

قد يكون من الممكن قيادة السيارة العديد من المرات دون أن يدخل نظام STOP/START (إيقاف/بدء التشغيل) في حالة STOP/START READY (إيقاف/بدء التشغيل جاهز) في ظل الظروف الأكثر شدة من العناصر الموضحة أعلاه.

لبدء تشغيل المحرك أثناء التواجد في وضع التوقف الأوتوماتيكي

أثناء التواجد في ترس للأمام، سوف يبدأ المحرك في العمل عند تحرير دواسة الفرامل أو الضغط على دواسة الاختناق. سوف يتم تعشيق ناقل الحركة مرة أخرى أوتوماتيكيًا عند إعادة تشغيل المحرك.

الظروف التي ستؤدي إلى بدء تشغيل المحرك تلقائيًا أثناء التواجد في وضع التوقف الأوتوماتيكي:

- إخراج محدد ناقل الحركة من وضع DRIVE (القيادة).
- للحفاظ على راحة درجة الحرارة بالكابينة.
- يتم ضبط HVAC (التسخين والتهوية ومكيف الهواء) على وضع إزالة الصقيع بالكامل.
- يتم ضبط درجة حرارة نظام التسخين والتهوية ومكيف الهواء أو سرعة المروحة يدويًا.
- انخفاض فولتية البطارية بدرجة كبيرة.
- تفريغ الفرامل المنخفض، (على سبيل المثال بعد عدة مرات من استخدام دواسة الفرامل).

تنبيه!

لمنع تلف جهاز بدء التشغيل، انتظر من 10 إلى 15 ثانية قبل المحاولة مرة أخرى.

بعد بدء التشغيل

يتم التحكم في سرعة التباطؤ أوتوماتيكيًا وسوف تنخفض هذه السرعة عند سخونة المحرك.

نظام Stop/Start (الإيقاف/بدء التشغيل) - محرك سعة 3.2 لترات

تم تطوير وظيفة Stop/Start (الإيقاف/بدء التشغيل) لتقليل استهلاك الوقود. سيقوم النظام بإيقاف المحرك أوتوماتيكيًا أثناء توقف السيارة في حالة تطابق الظروف المطلوبة. سيعمل تحرير دواسة الفرامل، أو الضغط على دواسة الوقود إلى إعادة تشغيل المحرك أوتوماتيكيًا.

الوضع الأوتوماتيكي

يتم تمكين ميزة Stop/Start (إيقاف/بدء التشغيل) بعد كل عملية تشغيل عادية للمحرك من قِبل العميل. في هذا الوقت، سيدخل النظام في وضع STOP/START READY (الإيقاف/بدء التشغيل غير جاهز) وفي حالة توافر جميع الشروط الأخرى، يمكنك الدخول في وضع STOP/START AUTOSTOP ACTIVE (إيقاف/بدء تشغيل التوقف الأوتوماتيكي نشط) "التوقف الأوتوماتيكي".

لتنشيط وضع التوقف الأوتوماتيكي، يجب أن يحدث الآتي:

- يجب أن يكون النظام في حالة STOP/START READY (الإيقاف/بدء التشغيل جاهز). ستظهر رسالة STOP/START READY (الإيقاف/بدء التشغيل جاهز) في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID) في قسم Stop/Start (الإيقاف/بدء التشغيل). راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" أو "شاشة عرض معلومات السائق (DID)" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.
- يجب أن تكون السيارة متوقفة تمامًا.
- يجب أن يكون ناقل الحركة في ترس التحرك للأمام مع الضغط على دواسة الفرامل.

سيتم إيقاف تشغيل المحرك، وينتقل عداد سرعة المحرك إلى موضع الصفر ويضيء مؤشر Stop/Start (إيقاف/بدء التشغيل) مشيرًا إلى أنك في وضع Autostop (التوقف الأوتوماتيكي). ستتم المحافظة على إعدادات العميل عند العودة إلى حالة تشغيل المحرك.

الأسباب المحتملة وراء أن المحرك لا يتوقف أوتوماتيكيًا

قبل توقف المحرك، سوف يقوم النظام بتفقد الكثير من ظروف السلامة والراحة لمعرفة ما إذا تم تحقيقها. يمكن مشاهدة معلومات مفصلة حول تشغيل نظام Stop/Start (الإيقاف/بدء التشغيل) في شاشة نظام Stop/Start (الإيقاف/بدء التشغيل) بمركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID). في المواقف التالية لن يتوقف المحرك:

- حزام مقعد السائق غير مربوط.
- باب السائق غير مغلق.

بدء التشغيل بعد التوقف الطويل

ملاحظة: تحدث حالة التوقف الطويل في حالة عدم تشغيل السيارة أو قيادتها لمدة 35 يومًا على الأقل.

1. ثبت شاحن بطارية أو كابلات توصيل بالبطارية لضمان شحن البطارية بالكامل أثناء دورة تشغيل المحرك.
2. قم بتدوير مفتاح التشغيل إلى وضع START (بدء التشغيل) ثم حرره عند بدء عمل المحرك.
3. إذا لم يبدأ تشغيل المحرك في خلال 10 ثانية، فقم بتدوير مفتاح التشغيل إلى وضع STOP (OFF/LOCK) (إيقاف (إيقاف التشغيل/القفل))، وانتظر لمدة خمس ثوان للسماح ببرودة البادئ، ثم كرر إجراء التشغيل بعد التوقف الطويل.
4. إذا فشل تشغيل المحرك بعد 8 محاولات، فاترك البادئ ليبرد لمدة 10 دقائق على الأقل، ثم كرر الإجراء.

تنبيه!

ولكي تمنع حدوث التلف بجهاز بدء التشغيل، لا تقم بإدارة المحرك بشكل متواصل لأكثر من 10 ثوان في المرة الواحدة. انتظر من 10 إلى 15 ثانية قبل إجراء المحاولة مرة أخرى.

إذا لم يبدأ تشغيل المحرك

تحذير!

- لا تحاول أبدًا تشغيل السيارة بسكب الوقود أو أي سائل آخر قابل للاشتعال في منفذ الهواء الخاص بالصمام الخانق. لأن ذلك قد يتسبب في ظهور شرر ناري مفاجئ قد يؤدي إلى إصابة شخصية خطيرة.
- لا تحاول دفع أو سحب سيارتك لبدء تشغيل السيارة. السيارات المزودة بناقل حركة أوتوماتيكي لا يمكن بدء تشغيلها بهذه الطريقة. فقد يصل بعض الوقود غير المحترق إلى المحول الحفاز ليشتعل بمجرد دوران المحرك مما يؤدي إلى تلف المحول والسيارة.

(تابع)

تحذير! (تابع)

- فإذا كانت البطارية غير مشحونة، فيمكن استخدام أسلاك مُعَزِزة للحصول على شحنة البدء من بطارية مُعززة أو من سيارة أخرى. ويمثل ذلك النوع من التشغيل خطورة حقيقية ما لم يتم تنفيذه بالطريقة الصحيحة. راجع "تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة" في "ما يجب أن تفعله في الحالات الطارئة " للحصول على مزيد من المعلومات.

مع ميزة بدء التشغيل الطرفي

في حال عدم بدء تشغيل المحرك بعد اتباع إجراءات "بدء التشغيل العادي" أو "الطقس شديد البرودة" أو "بدء التشغيل بعد التوقف الطويل"، قد يكون في حالة غمر (بنزين زائد). للتخلص من أي وقود زائد، اضغط على دواسة الوقود حتى الأرضية وأبقها في هذا الوضع. ثم، أدر مفتاح التشغيل إلى وضع START (بدء التشغيل) وحرره بمجرد تعشيق جهاز بدء التشغيل. يتوقف موتور جهاز بدء التشغيل أوتوماتيكيًا في خلال 10 ثوان. بمجرد حدوث ذلك، حرر دواسة الوقود، وأدر مفتاح التشغيل إلى وضع LOCK (القفل) وانتظر من 10 إلى 15 ثانية ثم كرر إجراء "بدء التشغيل العادي".

إجراءات بدء التشغيل - محركات البنزين

قبل بدء تشغيل السيارة؛ اضبط المقعد، واضبط كل من المرايا الداخلية والخارجية، وأحكم ربط أحزمة الأمان.

تحذير!

- عند مغادرتك السيارة، قم دائمًا بإخراج حافظة المفاتيح من قرص التشغيل وقم بقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة.
- يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. وعليه فيجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو ذراع النقل.

(تابع)

تحذير! (تابع)

- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه، ولا تترك مفتاح التشغيل بسيارة مزودة بميزة دخول السيارة دون مفتاح Keyless Enter-N-Go™ في وضع ACC (الملحقات) أو وضع ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

قم بتشغيل المحرك مع وجود ذراع النقل في وضع NEUTRAL (اللاتعشيق) أو PARK (التوقف). استخدم الفرامل قبل النقل إلى أي نطاق من نطاقات القيادة.

بدء التشغيل العادي

ملاحظة: لا يتطلب التشغيل العادي للمحرك سواء أكان باردًا أو دافئًا الضغط المتقطع أو الضغط العادي على دواسة الوقود.

فما عليك سوى تدوير مفتاح التشغيل إلى وضع START (بدء التشغيل) ثم تحريره عند بدء عمل المحرك. إذا لم يبدأ تشغيل المحرك في خلال 10 ثوان، فأدر مفتاح التشغيل إلى وضع LOCK/OFF (القفل/إيقاف التشغيل)، وانتظر من 10 إلى 15 ثانية، ثم كرر إجراء "التشغيل المعتاد".

ميزة بدء التشغيل الطرفي

أدر مفتاح التشغيل إلى وضع START (بدء التشغيل) وحرره بمجرد تعشيق جهاز بدء التشغيل. يستمر موتور بدء التشغيل في العمل، لكنه يفصل نفسه أوتوماتيكيًا عندما يعمل المحرك. إذا لم يبدأ تشغيل المحرك، فسيتوقف جهاز بدء التشغيل أوتوماتيكيًا في خلال 10 ثوان. إذا حدث ذلك، فأدر مفتاح التشغيل إلى وضع LOCK (القفل) وانتظر من 10 إلى 15 ثانية ثم كرر إجراء "بدء التشغيل العادي".

الطقس شديد البرودة (أقل من 20- درجة فهرنهايت أو 29- درجة مئوية)

لضمان بدء التشغيل بشكل صحيح في درجات الحرارة هذه، يُوصى باستخدام سخان كتلة محرك إلكتروني كهربي مدار من الخارج (متوفر لدى الوكيل).

- الجر من أجل الاستجمام (خلف عربة منزل متنقل، إلخ.) ٣٦٤
- سحب هذه السيارة خلف سيارة أخرى ٣٦٤
- الجر من أجل الاستجمام - طُرز الدفع أمامي (FWD) ٣٦٥
- الجر من أجل الاستجمام - طُرز الدفع الرباعي (4X4) المزودة بوحدة نقل الطاقة أحادية السرعة ٣٦٥
- الجر من أجل الاستجمام - طُرز الدفع الرباعي (4X4) المزودة بوحدة نقل الطاقة ثنائية السرعة ٣٦٥

- متطلبات الوقود - محركات البنزين ٣٥٠
  - محرك بسعة 2.4 لترات ٣٥١
  - محرك سعة 3.2 لترات ٣٥١
  - الميثانول ٣٥١
  - الإيثانول ٣٥١
  - بنزين الهواء النقي ٣٥٢
  - مادة MMT في البنزين ٣٥٢
  - المواد المضافة إلى الوقود ٣٥٢
- إضافة الوقود ٣٥٢
  - تحرير باب فتحة تعبئة خزان الوقود في حالة الطوارئ ٣٥٣
  - رسالة عدم ربط غطاء فتحة تعبئة الوقود ٣٥٤
- سحب المقطورة ٣٥٤
  - تعريفات السحب العامة ٣٥٤
  - أوزان سحب المقطورة (معدلات أقصى وزن للمقطورة) ٣٥٦
  - وزن المقطورة ولسان السحب ٣٥٧
  - متطلبات السحب ٣٥٧
  - نصائح بشأن السحب ٣٦١
  - نقاط الربط لسحب المقطورة (طُرز الدفع الثنائي) ٣٦١
  - نقاط الربط لسحب المقطورة (طُرز الدفع الرباعي) ٣٦٢
  - نقاط الربط لسحب المقطورة (طُرز Trailhawk) ٣٦٣

- رقم تعريف الإطار (TIN) ٣٢٨
- المصطلحات المتعلقة بالإطارات والتعريفات ٣٢٩
- حمولة وضغوط الإطارات ٣٣٠
- الإطارات - معلومات عامة ٣٣٣
  - ضغط الإطار ٣٣٣
  - ضغط الهواء في الإطارات ٣٣٤
  - ضغط الإطار للتشغيل بسرعة عالية ٣٣٤
  - الإطارات ذات الطيات القطرية ٣٣٥
  - أنواع الإطارات ٣٣٥
  - التشغيل عند فراغ الهواء من الإطارات – إذا كانت السيارة مزودة بذلك ٣٣٦
  - الإطارات الاحتياطية - إذا كانت السيارة مزودة بذلك ٣٣٧
  - دوران الإطار السريع ٣٣٨
  - مؤشرات تلف المداسات ٣٣٩
  - عمر الإطار ٣٣٩
  - استبدال الإطارات ٣٣٩
- سلاسل الإطارات (أجهزة السحب) ٣٤٠
- توصيات عن تغيير مواقع الإطارات ٣٤٢
- نظام مراقبة ضغط هواء الإطارات (TPMS) ٣٤٣
  - النظام الأساسي ٣٤٤
  - النظام المتميز - إذا كانت السيارة مزودة بذلك ٣٤٦
  - تعطيل نظام مراقبة ضغط الإطارات (TPMS) - إذا كانت السيارة مزودة بذلك ٣٥٠

- فرامل التوقف الكهربية (EPB) ٣٠٤
  - فرامل التوقف الأوتوماتيكي ٣٠٧
  - ميزة الإيقاف الآمن ٣٠٧
  - وضع صيانة الفرامل ٣٠٧
- نظام الفرامل ٣٠٨
- نظام التحكم الإلكتروني في الفرامل ٣٠٩
  - نظام الفرامل المانعة للانغلاق (ABS) ٣٠٩
  - نظام التحكم في الجر (TCS) ٣١٠
  - نظام مساعد الفرامل (BAS) ٣١١
  - نظام تخفيف الانقلاب الإلكتروني (ERM) ٣١١
  - مساعد بدء التشغيل على المرتفعات (HSA) ٣١٢
  - نظام التحكم في النزول من على المرتفعات (HDC) — إذا كانت السيارة مزودة بذلك . . ٣١٣
  - التحكم في تحديد السرعة (SSC) - إذا كانت السيارة مزودة بذلك ٣١٦
  - نظام التحكم في الاستقرار الإلكتروني (ESC) ٣١٩
  - ضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) وضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC) ٣٢٢
  - وحدة التحكم في تأرجح المقطورة (TSC) ٣٢٣
  - تنبيه جاهزية الفرامل (RAB) ٣٢٤
  - دعم فرامل المطر (RBS) ٣٢٤
- معلومات سلامة الإطار ٣٢٤
  - علامات الإطار ٣٢٤

- نظام ترابط الفرامل/ناقل الحركة ٢٨٨
- وضع ECO (ترشيد استهلاك الوقود) ٢٨٨
- ناقل الحركة الأوتوماتيكي تسعاوي السرعة ٢٨٨
- نطاقات التروس ٢٨٩
- تشغيل نظام الدفع الرباعي ٢٩٤
  - طُرز الدفع الرباعي (4X4) أحادية السرعة - إذا كانت السيارة مزودة بذلك ٢٩٤
  - طُرز الدفع الرباعي (4X4) ثنائية السرعة - إذا كانت السيارة مزودة بذلك ٢٩٥
  - أوضاع النقل ٢٩٦
  - إجراءات النقل ٢٩٦
  - نظام القفل الإلكتروني الخلفي - إذا كانت السيارة مزودة بذلك ٢٩٨
- ميزة التضاريس المحددة ™SELEC-TERRAIN ٢٩٩
  - الوصف ٢٩٩
- إرشادات القيادة على الطريق ٣٠٠
- إرشادات القيادة على الطرق الوعرة ٣٠١
  - متى تستخدم نطاق 4WD LOW (الدفع الرباعي المنخفض) ٣٠١
  - القيادة على طرق مغمورة بالمياه ٣٠١
  - القيادة على الطرق الثلجية والطينية والرملية ٣٠٢
  - صعود المرتفعات ٣٠٢
  - الجر أثناء النزول من مرتفع ٣٠٣
  - بعد القيادة على طرق وعرة ٣٠٣
- التوجيه المعزز ٣٠٤

٥

البدء والتشغيل

- إجراءات بدء التشغيل - محركات البنزين ٢٨١
  - بدء التشغيل العادي ٢٨١
  - الطقس شديد البرودة (أقل من -20 درجة فهرنهايت أو -29 درجة مئوية) ٢٨١
  - بدء التشغيل بعد التوقف الطويل ٢٨٢
  - إذا لم يبدأ تشغيل المحرك ٢٨٢
  - بعد بدء التشغيل ٢٨٣
- نظام Stop/Start (الإيقاف/بدء التشغيل) - محرك سعة 3.2 لترات ٢٨٣
  - الوضع الأوتوماتيكي ٢٨٣
  - الأسباب المحتملة وراء أن المحرك لا يتوقف أوتوماتيكيًا ٢٨٣
  - لبدء تشغيل المحرك أثناء التواجد في وضع التوقف الأوتوماتيكي ٢٨٤
  - لإيقاف تشغيل نظام بدء التشغيل/الإيقاف يدويًا ٢٨٥
  - لتشغيل نظام بدء التشغيل/الإيقاف يدويًا ٢٨٥
  - عطل النظام ٢٨٦
- سخان كتلة المحرك - إذا كانت السيارة مزودة بذلك ٢٨٦
- ناقل الحركة الأوتوماتيكي ٢٨٦
  - نظام ترابط وضع التوقف مع مفتاح التشغيل ٢٨٨

الملاحة (نظام 8.4A/8.4AN)

تساعدك ميزة نظام Uconnect® navigation على توفير الوقت وتصبح أكثر إنتاجية عندما تعرف تمامًا كيفية الوصول إلى الموقع الذي تريد الانتقال إليه. (تعد ميزة الملاحة اختيارية في نظام Uconnect®8.4A. راجع الوكيل لتنشيط ميزة الملاحة في أي وقت.)

1. للدخول إلى وجهة، اضغط على زر VR (التعرف على الصوت) . بعد سماع الصافرة، قل:

- بالنسبة لنظام Uconnect® 8.4A قل: **"Enter state"** (إدخال دولة).
- بالنسبة لنظام Uconnect® 8.4AN قل: **"Navigate to"** (انتقال إلى) 800 Chrysler Drive Auburn Hills, Michigan."

2. ثم اتبع مطالبات النظام.

لبدء البحث عن مكان هام، اضغط على زر VR (التعرف على الصوت) . بعد سماع الصافرة، قل: "Find nearest" (البحث عن أقرب) مقهى."

نظام Uconnect® 8.4 Navigation

معلومات إضافية

© حقوق النشر محفوظة لصالح شركة Chrysler Group LLC لعام 2014. جميع الحقوق محفوظة. تعد Mopar وUconnect علامات تجارية مسجلة، كما أن Mopar Owner Connect هي علامة تجارية لشركة Chrysler Group LLC. تعد Android علامة تجارية لشركة Google Inc. كما تعد Yelp وشعار Yelp وYelp والعلامات ذات الصلة علامات تجارية مسجلة لصالح Yelp.

دعم نظام Uconnect®:

- DriveUconnect.com

الاثنين الجمعة، من 7:00 صباحًا حتى 12:00 صباحًا، بالتوقيت الشرقيّ

السبت، من 8:00 صباحًا حتى 10:00 مساءً، بالتوقيت الشرقيّ

الأحد، من 9:00 صباحًا حتى 5:00 مساءً، بالتوقيت الشرقيّ

دعم خدمات نظام Uconnect® Access على رقم 1-855-792-4241. يُرجى تحضير رقم التعريف الشخصي للأمان لنظام Uconnect® بحيث يكون جاهزًا عند الاتصال.

عند إعطاء أمر صوتي، اضغط على زر Phone (الهاتف) وقل **"Call" (اتصال)، ثم قل الاسم تمامًا كما يظهر في دفتر الهاتف لديك. عند الاتصال بأرقام هاتف متعددة، يمكنك قول "Call" (اتصال) بجون سميث work (العمل)".**

نظام Uconnect® 5.0 Phone

نظام Uconnect® 8.4 Phone

درجة الحرارة (نظام 8.4A/8.4AN)

الحر شديد؟ البرد شديد؟ قم بضبط درجة حرارة السيارة دون استخدام اليدين وحافظ على راحة كل شخص أثناء التحرك قدمًا في الطريق. (إذا كانت السيارة مزودة بنظام التحكم في درجة الحرارة.)

اضغط على زر VR . بعد سماع الصافرة، قل أيًا من الأوامر التالية:

- **Set both temperatures to** (ضبط كل من درجات الحرارة إلى) 70 **degrees** (درجة)
- **Set driver temperature to** (ضبط درجة الحرارة للسائق إلى) 70 **degrees** (درجة)
- **Set passenger temperature to** (ضبط درجة حرارة الراكب إلى) 70 **degrees** (درجة)

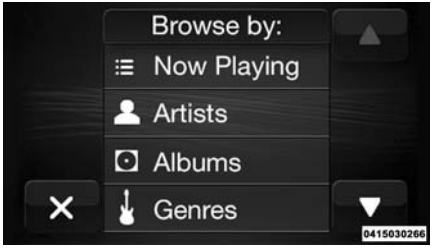
يمكن استخدام الأمر الصوتي لدرجة الحرارة لضبط درجة الحرارة الداخلية من السيارة. لا يعمل نظام الأوامر الصوتية على ضبط المقاعد المسخنة أو عجلة القيادة المسخنة إذا كانت السيارة مزودة بذلك.

درجة الحرارة بنظام Uconnect 8.4

اضغط على زر VR . بعد سماع الصافرة، قل أيًا من الأوامر التالية، واتبع المطالبات للانتقال إلى مصدر الوسائط أو لاختيار فنان.

- **Change source** (تغيير المصدر) إلى Bluetooth®
- **Change source** (تغيير المصدر) إلى iPod®
- **Change source** (تغيير المصدر) إلى USB
- **Play Artist** (تشغيل الفنان) بيتهوفن؛ **Play album** (تشغيل الألبوم) الليلة؛ **Play song** (تشغيل الأغنية) أنت عمري؛ **Play genre** (تشغيل نوع موسيقى) كلاسيكية

اضغط على زر Browse (استعراض) على شاشة اللمس لمشاهدة جميع ملفات الموسيقى على جهاز iPod® أو وحدة USB. الأوامر الصوتية الخاصة بك يجب أن تتطابق تمامًا مع كيفية عرض معلومات الفنان أو الألبوم أو الأغنية أو نوع الموسيقى.



الوسائط بنظام Uconnect 5.0®

الوسائط بنظام Uconnect 8.4®

الهاتف

إجراء مكالمات هاتفية بخاصية التحدث عن بُعد أو الرد عليها بسهولة باستخدام نظام Uconnect®. عندما يضيء زر Phonebook (دفتر الهاتف) على شاشة اللمس، فهذا يعني أن النظام جاهزًا. تحقق من الموقع UconnectPhone.com لمعرفة مدى توافق الهاتف المحمول وتعليمات الإقران.

اضغط على زر الهاتف . بعد سماع الصافرة، قل أيًا من الأوامر التالية...

- **Call** (الاتصال) بجون سميث
- **Dial** (طلب) رقم 123-456-7890 واتبع مطالبات النظام
- **Redial** (إعادة الطلب) (رقم هاتف المكالمة السابقة الصادرة)
- **Call back** (معاودة الاتصال) (رقم هاتف المكالمة السابقة الواردة)

الراديو

استخدم صوتك للوصول سريعًا إلى موجتي AM أو FM أو MW/LW (إذا كانت السيارة مزودة بذلك) أو محطات الراديو الذي ترغب في الاستماع إليها.

اضغط على زر VR . بعد سماع الصافرة، قل...

- **قم بالتوليف إلى** تسعة خمسة فاصل خمسة من موجة FM
- **قم بالتوليف إلى** قناة محطة القمر الصناعي 1

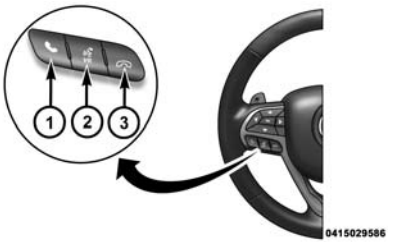
في أي وقت، إذا لم تكن متأكدا مما ترغب في قوله أو ترغب في تهيئته باستخدام الأمر الصوتي، اضغط على زر VR (التعرف على الصوت) وقل "Help" (مساعدة). فسوف يوفر النظام لك قائمة من الأوامر.

راديو نظام **Uconnect® 5.0**

راديو نظام **Uconnect® 8.4**

الوسائط

يوفر نظام Uconnect® الاتصالات عبر منافذ USB أو SD أو Bluetooth® أو المنافذ الأجهزة الإضافية (إذا كانت السيارة مزودة بذلك). يتوافر تشغيل الصوت فقط لأجهزة USB أو iPod® المتصلة. (جهاز مشغل الأقراص المضغوطة عن بُعد اختياري ولا يتوفر في جميع السيارات.)



الأوامر الصوتية لنظام ®Uconnect

1 - اضغط لبدء مكالمة هاتفية أو الرد عليها، أو إرسال نص أو استلامه

2 - لجميع أجهزة الراديو: اضغط لبدء الراديو أو وظائف الوسائط. بالنسبة لنظام 8.4A/8.4AN فقط: اضغط لبدء الملاحة والتطبيقات ووظائف درجة الحرارة

3 - اضغط لإنهاء المكالمة

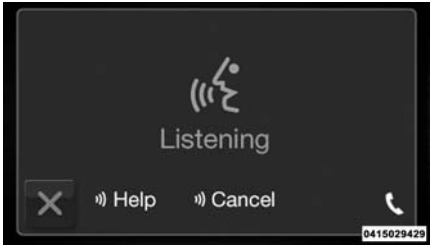
الأوامر الصوتية الأساسية

يمكن إعطاء الأوامر الصوتية الأساسية الموضحة أدناه في أي وقت أثناء استخدام نظام ®Uconnect.

اضغط على زر VR . بعد سماع الصافرة، قل ...

- **Cancel** (إلغاء) لإيقاف جلسة صوتية حالية
- **Help** (مساعدة) لسماع قائمة الأوامر الصوتية المقترحة
- **Repeat** (تكرار) للاستماع إلى مطالبات النظام مرة أخرى

لاحظ الإشارات المرئية التي تخبرك بحالة نظام التعرف على الصوت. حيث تظهر الإشارات على شاشة اللمس.



نظام Uconnect® 5.0

نظام Uconnect® 8.4

تلميحات سريعة حول نظام التعرف على الصوت لنظام ®Uconnect

تقديم نظام ®Uconnect

البدء باستخدام ميزة التعرف على الصوت بنظام ®Uconnect مع هذه تلميحات السريعة المفيدة. وهي توفر الأوامر الصوتية الأساسية والتلميحات التي تحتاج إلى معرفتها للتحكم بنظام 5.0 ®Uconnect أو 8.4A/8.4AN.

نظام 5.0 ®Uconnect

الميزات الرئيسية:

- شاشة اللمس بقياس 5 بوصات
- ثلاثة أزرار على كل جانب من جانبي شاشة العرض

نظام 8.4 ®Uconnect

للبدء

كل ما تحتاجه للتحكم في نظام ®Uconnect مع صوتك هي الأزرار الموجودة على عجلة القيادة.

1. تفضل بزيارة **UconnectPhone.com** للتحقق من توافق الجهاز والميزة وللعثور على تعليمات إقران الهاتف.
2. تقليل الضوضاء الموجودة في الخلفية. الرياح ومحادثات الركاب أمثلة على الضوضاء التي قد تؤثر على ميزة التعرف.
3. التحدث بوضوح بنبرة عادية وبمستوى صوت عادي مع الاتجاه إلى الأمام بشكل مستقيم. الميكروفون موضوع في مرآة الرؤية الخلفية وموجه ناحية السائق.
4. في كل مرة تقوم فيها بإعطاء أمر صوتي، يجب عليك أولاً ضغط زر VR (التعرف على الصوت) أو Phone (الهاتف)، انتظر حتى **بعد** سماع الصافرة ثم قل الأمر الصوتي.
5. يمكنك مقاطعة رسالة التعليمات أو مطالبات النظام عن طريق الضغط على زر VR (التعرف على الصوت) أو Phone (الهاتف) ونطق أمر صوتي من الفئة الحالية.

الطقس	إعدادات مفاتيح التحكم
الطقس حار والأجزاء الداخلية بالسيارة ساخنة جدًا	قم بضبط مفتاح التحكم في الوضع على مع ضبط مكيف الهواء (A/C) على التشغيل وضبط المروحة على عالٍ. قم بخفض زجاج النوافذ لمدة دقيقة للتخلص من الهواء الساخن. بمجرد تحقق الراحة المطلوبة والوصول بدرجة الحرارة إلى مستوى ملائم، اضبط مفاتيح التحكم بما يلائم راحتك ويناسب تفضيلاتك.
الطقس دافئ	قم بتشغيل مكيف الهواء (A/C) واضبط مفتاح التحكم في الوضع على وضع .
الطقس البارد مع سطوع الشمس	تعمل في وضع .
أحوال الطقس البارد والبارد الرطب	قم بضبط مفتاح التحكم في الوضع على ، ثم قم بتشغيل مكيف الهواء (A/C) للحفاظ على زجاج النوافذ خالي من الضباب.
الطقس بارد	قم بضبط مفتاح التحكم في الوضع على وضع . إذا بدأ حدوث تراكم للضباب على الزجاج الأمامي، فحرك مفتاح التحكم في اتجاه الوضع .

0456052237

تراكم الضباب على النوافذ

ويمكن إزالة الضباب المتجمع في الداخل على الزجاج الأمامي بسرعة بإدارة ذراع اختيار الوضع إلى وضع مزيل الصقيع. ويمكن استخدام وضع مزيل الصقيع/الأرضية للمحافظة على نقاء الزجاج الأمامي وتقديم التدفئة الكافية. وإذا أصبح ضباب النوافذ الجانبية يمثل مشكلة، فقم بزيادة سرعة لتحسين تدفق الهواء وتنظيف النوافذ الجانبية. قد يتراكم الضباب على زجاج السيارة من الداخل في الأيام الممطرة أو الرطبة.

ملاحظة:

- **لا يجب استخدام إعادة تدوير الهواء دون تشغيل مكيف الهواء لفترات طويلة حتى لا يتراكم الضباب.**
- **ستقوم مفاتيح تحكم نظام التحكم الأوتوماتيكي بدرجة الحرارة (ATC) بضبط إعدادات التحكم في درجة الحرارة أوتوماتيكيًا لتقليل أو إزالة تراكم الضباب على النوافذ بالزجاج الأمامي. ولن يتوافر وضع إعادة تدوير الهواء عند حدوث ذلك.**

المنافذ الخارجية لدخول الهواء

تأكد من عدم وجود أشياء مثل أوراق الأشجار وغيرها حول فتحات إدخال الهواء الواقعة أمام الزجاج الأمامي. فقد تقلل أوراق الأشجار المتراكمة حول فتحات إدخال الهواء من مقدار الهواء الداخل وتؤدي إلى انغلاق فتحات تصريف الماء. وفي فصل الشتاء، تأكد من خلو منافذ دخول الهواء من الجليد والطين والثلج.

فلتر هواء جهاز مكيف الهواء

يقوم نظام التحكم بدرجات الحرارة بترشيح الأتربة والغبار وبعض الروائح من الهواء الخارجي. ولا يمكن ترشيح الروائح القوية كليًا. راجع "إجراءات الصيانة" في "صيانة السيارة" للتعرف على إرشادات استبدال الفلتر.

ملاحظة:

- **ليس من الضروري تغيير إعدادات درجة الحرارة للسيارات الباردة أو الساخنة. لأن النظام يقوم أوتوماتيكيًا بضبط درجات الحرارة والوضع وسرعة المروحة لتوفير وسط مريح في أسرع وقت ممكن.**
- **من الممكن عرض درجة الحرارة بالوحدات الأمريكية أو المترية وذلك بتحديد الميزة القابلة للبرمجة بواسطة العميل بنظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في هذا القسم من الدليل.**

لتوفير الحد الأقصى من الراحة في وضع التشغيل الأوتوماتيكي أثناء تشغيل المحرك في الأيام الباردة، فإن مروحة الهواء ستبقى على سرعة منخفضة إلى أن يسخن المحرك. ستزيد سرعة المروحة وتدخل في وضع AUTO (أوتوماتيكي).

تجاوز التشغيل اليدوي

يتيح النظام التحديد اليدوي لسرعة المروحة ووضع توزيع الهواء وحالة مكيف الهواء والتحكم في إعادة التدوير.

يمكن ضبط سرعة المروحة على أي سرعة ثابتة عن طريق ضبط مفتاح التحكم في المروحة. تعمل المروحة الآن بسرعة ثابتة حتى يتم تحديد سرعات إضافية. ويتيح ذلك للركاب في الأمام التحكم بحجم الهواء في السيارة وإلغاء وضع AUTO (أوتوماتيكي).

يمكن للمشغل أيضًا تحديد اتجاه تدفق الهواء باختيار أحد إعدادات الأوضاع المتاحة. يمكن أيضًا تحديد تشغيل مكيف الهواء والتحكم في إعادة التدوير يدويًا في التشغيل اليدوي.

ملاحظة: تعمل كل ميزة من هذه الميزات بشكل مستقل عن الأخرى. في حالة التحكم بإحدى الميزات يدويًا، يستمر عمل التحكم في درجة الحرارة أوتوماتيكيًا.

إرشادات التشغيل

ملاحظة: راجع الجدول الموجود في نهاية هذا القسم للتعرف على إعدادات التحكم المقترحة لظروف الطقس المتنوعة.

التشغيل في فصل الصيف

يجب حماية نظام تبريد سائل المحرك باستخدام سائل تبريد مانع للتجمد ذي جودة عالية لتوفير حماية ملائمة من التآكل ولمنع الارتفاع المفرط في حرارة المحرك. يُوصى باستخدام محلول سائل التبريد ذو تقنية الإضافات العضوية (OAT) بنسبة 50% والذي يفي بمتطلبات معيار المواد القياسية MS-12106 لشركة Chrysler و50% ماء. ارجع إلى "إجراءات الصيانة" الواردة في "صيانة السيارة" لاختيار سائل التبريد المناسب.

التشغيل في فصل الشتاء

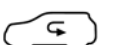
ولا يُنصح باستخدام تدوير الهواء الداخلي خلال فصل الشتاء لأنه قد يسبب تجمع الضباب على النوافذ.

حفظ السيارة أثناء العطلة

في أي وقت تقوم فيه بإيقاف السيارة أو تتوقف فيه عن استخدامها (أثناء عطلة مثلاً) لأسبوعين أو أكثر، قم بتشغيل نظام مكيف الهواء أثناء تباطؤ المحرك لمدة 5 دقائق تقريبًا في وضع الهواء النقي وعلى سرعة المروحة القصوى. إن القيام بذلك سيضمن تزييتًا مناسبًا للنظام لتقليل إمكانية تلف الضاغط عند إعادة تشغيل النظام.

في وضع MAX A/C (الحد الأقصى لمكيف الهواء)، يمكن ضبط موضع مستوى المروحة والوضع على إعدادات المستخدم المطلوبة. سوف يتسبب الضغط على إعدادات أخرى في تشغيل MAX A/C (الحد الأقصى لمكيف الهواء) للتبديل إلى الإعدادات السابقة وسوف تتسبب في مغادرة وضع MAX A/C (الحد الأقصى لمكيف الهواء).

إعادة تدوير الهواء



عندما يكون الهواء الخارجي مشبعًا بالدخان أو الروائح الكريهة أو الرطوبة العالية أو إذا رغبت بتبريد السيارة بسرعة، فقد ترغب في تدوير الهواء الداخلي بالضغط على زر تحكم وضع Recirculation (إعادة التدوير). سيضيء مؤشر إعادة التدوير عند تحديد هذا الزر. اضغط على الزر لمرة ثانية لإيقاف تشغيل وضع Recirculation (إعادة التدوير) والسماح بدخول الهواء الخارجي إلى السيارة.

ملاحظة: في الطقس البارد قد يؤدي استخدام تدوير الهواء إلى تراكم الضباب على النوافذ. قد لا تتوافر ميزة إعادة التدوير (يظهر الزر غير منشط) في حالة وجود ظروف تسمح بتكون ضباب على الجزء الداخلي من الزجاج الأمامي. في الأنظمة المزودة بمفاتيح التحكم اليدوي في درجات الحرارة، لا يُسمح بوضع Recirculation (إعادة التدوير) في وضع Defrost (مزيل الصقيع) لتحسين عملية تنظيف النوافذ. حيث يتم تعطيل Recirculation (إعادة التدوير) أوتوماتيكيًا في حالة تحديد هذا الوضع. إن محاولة استخدام وضع Recirculation (إعادة التدوير) أثناء التواجد في هذه الوضع قد يتسبب في وميض مصباح LED الموجود في زر التحكم ثم توقفه عن الإضاءة.

التحكم الأوتوماتيكي بدرجة الحرارة (ATC)

التشغيل الأوتوماتيكي

1. اضغط على زر AUTO (أوتوماتيكي) في لوحة التحكم الأوتوماتيكي بدرجة الحرارة (ATC).
2. اضبط بعد ذلك درجة الحرارة التي تود أن يحافظ عليها النظام وذلك بضبط أزرار التحكم في درجة الحرارة للسائق والراكب الأمامي. وبمجرد عرض درجة الحرارة المرغوبة، يقوم النظام بالوصول إلى مستوى الراحة المطلوب وبالمحافظة عليه أوتوماتيكيًا.
3. وحالما يصل النظام إلى المستوى الذي يوفر لك الراحة ليس من الضروري تغييره. وستجد أن النظام يعمل بكفاءة مثلى إذا تركته يعمل بصورة أوتوماتيكية.

13. زر التمرير لأسفل للتحكم في درجة الحرارة للسائق (نظام Uconnect® 8.4 فقط)

يتيح التحكم المستقل في درجة الحرارة للسائق. اضغط على الزر الموجود على الواجهة لضبط إعدادات درجة الحرارة الباردة أو على شاشة اللمس، اضغط وحرك الزر على شريط درجة الحرارة بشاشة اللمس نحو زر السهم الأزرق الموجود على شاشة اللمس لضبط إعدادات درجة الحرارة الباردة.

ملاحظة: في وضع Sync (المزامنة)، سيعمل هذا الزر أيضًا على ضبط إعداد درجة حرارة الراكب في نفس الوقت أوتوماتيكيًا.

14. زر التمرير لأعلى للتحكم في درجة الحرارة للسائق (نظام Uconnect® 8.4 فقط)

يتيح التحكم المستقل في درجة الحرارة للسائق. اضغط على الزر الموجود على الواجهة لضبط إعدادات درجة الحرارة الدافئة أو على شاشة اللمس، اضغط وحرك الزر على شريط درجة الحرارة بشاشة اللمس نحو زر السهم الأحمر الموجود على شاشة اللمس لضبط إعدادات درجة الحرارة الدافئة.

ملاحظة: في وضع Sync (المزامنة)، سيعمل هذا الزر أيضًا على ضبط إعداد درجة حرارة الراكب في نفس الوقت أوتوماتيكيًا.

15. التحكم في درجة الحرارة (نظام Uconnect® 5.0 فقط)

اضغط على زر درجة الحرارة على شاشة اللمس لتنظيم درجة حرارة الهواء داخل مقصورة الركاب. يشير تحول شريط درجة الحرارة إلى منطقة حمراء إلى درجات حرارة أدفأ. يشير تحول شريط درجة الحرارة إلى منطقة زرقاء إلى درجات حرارة أبرد.

وظائف التحكم في درجات الحرارة

A/C (مكيف الهواء)

يتيح زر A/C (مكيف الهواء) للمشغل التنشيط أو إلغاء التنشيط اليدوي لنظام مكيف الهواء. عند تشغيل نظام مكيف الهواء، سيتدفق الهواء البارد منخفض الرطوبة من خلال المنافذ المحددة إلى الكابينة. لتحسين ترشيد استهلاك الوقود، اضغط على زر A/C (مكيف الهواء) لإيقاف تشغيل مكيف الهواء ولضبط المروحة يدويًا مع إعدادات وضع تدفق الهواء. أيضًا، تأكد من تحديد وضع اللوحة أو ثنائي المستوى أو الأرضية.

ملاحظة:

- **في حالة ظهور الضباب أو الرذاذ على الزجاج الأمامي أو الزجاج الجانبي، اختر وضع Defrost (إزالة الصقيع) واضبط سرعة المروحة إذا لزم الأمر.**
- **وإذا بدا مستوى أداء مكيف الهواء منخفضًا عن المتوقع؛ فافحص مقدمة مكثف مكيف الهواء (الموجود في مقدمة الراديياتير) للتخلص من الأتربة أو الحشرات التي قد تكون متجمعة عليه. نظف المكثف برش الماء عليه برفق من خلف الراديياتير ومن خلال المكثف. قد تقلل مواد الحماية الصناعية بالمقدمة من تدفق الهواء إلى المكثف، مما يقلل من مستوى أداء المكيف.**

إعداد MAX A/C (الحد الأقصى لمكيف الهواء)

يعمل إعداد MAX A/C (الحد الأقصى لمكيف الهواء) على ضبط التحكم في أداء الحد الأقصى للتبريد.

اضغط للتبديل بين إعداد MAX A/C (الحد الأقصى لمكيف الهواء) والإعدادات السابقة. يضيء الزر الموجود على شاشة اللمس عند تشغيل MAX A/C (الحد الأقصى لمكيف الهواء).

تغيير إعداد درجة حرارة الراكب أثناء التواجد في وضع SYNC (المزامنة) على الخروج تلقائيًا من هذه الميزة.

10. مفتاح تحكم المروحة

يستخدم مفتاح التحكم في المروحة لتنظيم كمية الهواء الداخل عبر نظام التحكم في درجة الحرارة. وللمروحة سبع سرعات متاحة. ويؤدي ضبط المروحة إلى تبديل الوضع الأوتوماتيكي إلى التشغيل اليدوي. ويمكن تحديد السرعات باستخدام إما مقبض التحكم في المروحة على الواجهة أو الأزرار الموجودة على شاشة اللمس كما يلي:

مقبض التحكم في المروحة الموجود على الواجهة

تزيد سرعة المروحة عند تدوير مقبض التحكم في المروحة باتجاه عقارب الساعة بدءً من الإعداد الأقل للمروحة. بينما تقل سرعة المروحة عند تدوير مقبض التحكم في المروحة عكس اتجاه عقارب الساعة.

الزر على شاشة اللمس

استخدم رمز المروحة الصغيرة لتقليل إعداد المروحة ورمز المروحة الكبيرة لزيادة إعداد المروحة. يمكن أيضًا تحديد المروحة بالضغط على منطقة شريط المروحة الموجودة بين الرموز.

11. الأوضاع

يمكن ضبط وضع توزيع تدفق الهواء بحيث يخرج الهواء من منافذ لوحة أجهزة القياس والمنافذ الأرضية ومنافذ إزالة الضباب. وإعدادات Mode (الوضع) هي كما يلي:

- **وضع Panel (اللوحة)**

يخرج الهواء من المنافذ الواقعة في لوحة أجهزة القياس. ومن الممكن ضبط كل منفذ على حدة لتوجيه تيار الهواء. يمكن تحريك ريشات الهواء بالمنافذ المركزية والخارجية لأعلى أو أسفل أو من جانب لجانب لتنظيم اتجاه تدفق الهواء. يوجد قرص للإيقاف أسفل ريشات الهواء لإيقاف تدفق الهواء أو ضبط المقدار المتدفق من هذه المنافذ.

- **وضع Bi-Level (ثنائي المستوى)**

يخرج الهواء من منافذ لوحة أجهزة القياس والمنافذ الأرضية. مع مقدار ضئيل عبر مزيل الصقيع ومنافذ إزالة الضباب من النوافذ الجانبية.

ملاحظة:

تم تصميم وضع Bi-Level (ثنائي المستوى) في ظل ظروف الراحة لتوفير هواء أبرد يخرج من منافذ لوحة القياس وهواء أدفأ من منافذ الأرضية.

- **وضع Floor (الأرضية)**

يخرج الهواء عبر المنافذ الأرضية. مع مقدار ضئيل عبر مزيل الصقيع ومنافذ إزالة الضباب من النوافذ الجانبية.

- **وضع Mix (المزج)**

يتم توجيه الهواء عبر المنافذ الأرضية ومزيل الصقيع ومنافذ إزالة الضباب من النوافذ الجانبية. ويستفاد من هذه الميزة في الأيام الباردة وعند سقوط الثلج.

12. زر إيقاف تشغيل التحكم بدرجة الحرارة

اضغط على هذا الزر وحرره لتشغيل التحكم في درجة الحرارة أو إيقاف تشغيله.

5. زر مزيل الصقيع الأمامي

اضغط على الزر ثم حرره لتغيير إعداد تدفق الهواء الحالي إلى وضع Defrost (مزيل الصقيع). يضيء المؤشر عند ضبط هذه الميزة على وضع ON (التشغيل). يخرج الهواء من منافذ الزجاج الأمامي ومنافذ إزالة الضباب من النوافذ الجانبية. عند تحديد زر إزالة الصقيع، قد يزيد مستوى المروحة. استخدم وضع Defrost (إزالة الصقيع) مع تشغيل إعدادات الحد الأقصى لدرجة الحرارة لإزالة الصقيع المتجمع على الزجاج الأمامي والنوافذ الجانبية بأفضل شكل. سيؤدي إجراء هذه الوظيفة إلى تحويل التحكم الأوتوماتيكي في درجة الحرارة (ATC) إلى الوضع اليدوي. في حالة إيقاف تشغيل وضع إزالة الصقيع الخلفي، سيعود نظام درجة الحرارة للإعداد السابق.

6. زر مزيل الصقيع الخلفي

اضغط على هذا الزر، ثم حرره لتشغيل مزيل الصقيع عن النافذة الخلفية والمرايا الخارجية المسخنة (إذا كانت السيارة مزودة بذلك). سيضيء مصباح مؤشر عند تشغيل مزيل الصقيع من النافذة الخلفية. يتم أوتوماتيكيًا إيقاف تشغيل مزيل الصقيع عن النافذة الخلفية بعد 10 دقائق. عند كل ضغطة إضافية على هذا الزر، ستتم إضافة خمس دقائق إضافية إلى وظيفة الوقت.

تنبيه!

إن عدم اتباع هذه التنبيهات قد يتسبب في تلف عناصر التسخين:

- عليك بتوخي الحذر عند غسل الجزء الداخلي من النافذة الخلفية. لا تستخدم منظفات النوافذ الكاشطة على السطح الداخلي للنافذة. استخدم قطعة قماش ناعمة ومحلول غسيل معتدل، وقم بالمسح بشكل موازي لأجزاء التسخين. وبالإمكان إزالة الملصقات الموجودة على الزجاج بعد أن تبلل بماء دافئ.
- لا تستخدم أدوات تنظيف كاشطة أو أدوات حادة أو منظفات النوافذ الكاشطة على السطح الداخلي للنافذة.
- احتفظ بجميع المتعلقات على مسافة آمنة من النافذة.

7. زر التمرير لأعلى للتحكم في درجة الحرارة للراكب (نظام Uconnect® 8.4 فقط)

يتيح التحكم المستقل في درجة الحرارة للراكب. اضغط على الزر الموجود على الواجهة لضبط إعدادات درجة الحرارة الدافئة أو على شاشة اللمس، اضغط وحرك الزر على شريط درجة الحرارة بشاشة اللمس نحو زر السهم الأحمر الموجود على شاشة اللمس لضبط إعدادات درجة الحرارة الدافئة.

ملاحظة: سيعمل الضغط على هذا الزر أثناء التواجد في وضع Sync (المزامنة) على الخروج تلقائيًا من Sync (المزامنة).

8. زر التمرير لأسفل للتحكم في درجة الحرارة للراكب (نظام Uconnect® 8.4 فقط)

يتيح التحكم المستقل في درجة الحرارة للراكب. اضغط على الزر الموجود على الواجهة لضبط إعدادات درجة الحرارة الباردة أو على شاشة اللمس، اضغط وحرك الزر على شريط درجة الحرارة بشاشة اللمس نحو زر السهم الأزرق الموجود على شاشة اللمس لضبط إعدادات درجة الحرارة الباردة.

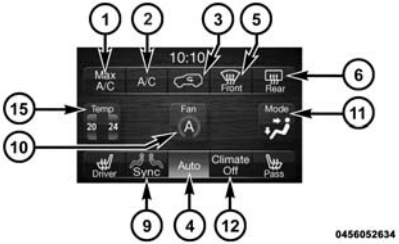
ملاحظة: سيعمل الضغط على هذا الزر أثناء التواجد في وضع Sync (المزامنة) على الخروج تلقائيًا من Sync (المزامنة).

9. وضع SYNC (المزامنة)

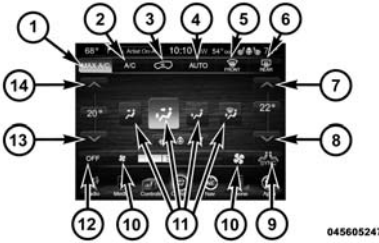
اضغط على زر SYNC (المزامنة) على شاشة اللمس للتبديل بين تشغيل/إيقاف ميزة SYNC (المزامنة). يضيء مؤشر SYNC (المزامنة) عند تمكين هذه الميزة. تستخدم ميزة SYNC (المزامنة) لمزامنة إعداد درجة حرارة الراكب مع إعداد درجة حرارة السائق. سيعمل

الأزرار الموجودة على شاشة اللمس لنظام ®Uconnect

الأزرار الموجودة على شاشة اللمس يمكن الوصول إليها من خلال شاشة نظام ®Uconnect.



مفاتيح التحكم الأوتوماتيكي في درجة الحرارة بنظام ®Uconnect 5.0 - الأزرار الموجودة على شاشة اللمس



مفاتيح التحكم الأوتوماتيكي في درجة الحرارة بنظام ®Uconnect 8.4 - الأزرار الموجودة على شاشة اللمس

وصف الأزرار (تنطبق على الأزرار الموجودة في الواجهة والأزرار الموجودة على شاشة اللمس)

1. زر MAX A/C (الحد الأقصى لمكيف الهواء)

اضغط على الزر وحرره لتغيير الإعداد الحالي، سيضيء المؤشر عند تشغيل إعداد MAX A/C (الحد الأقصى لمكيف الهواء). سوف يؤدي تنفيذ هذه الوظيفة مرة أخرى إلى تحويل تشغيل إعداد MAX A/C (الحد الأقصى لمكيف الهواء) إلى الوضع اليدوي وسوف ينطفئ مؤشر إعداد MAX A/C (الحد الأقصى لمكيف الهواء).

2. زر A/C (مكيف الهواء)

اضغط على الزر وحرره لتغيير الإعداد الحالي، وسيضيء المؤشر عند تشغيل A/C (مكيف الهواء). سوف يؤدي تنفيذ هذه الوظيفة مرة أخرى إلى تحويل تشغيل A/C (مكيف الهواء) إلى الوضع اليدوي وسوف ينطفئ مؤشر A/C (مكيف الهواء).

3. زر إعادة التدوير

اضغط على الزر وحرره لتغيير الإعداد الحالي، وسيضيء المؤشر عند التشغيل.

4. زر AUTO (أوتوماتيكي) للتشغيل الأوتوماتيكي

يقوم بالتحكم أوتوماتيكيًا في درجة حرارة المقصورة الداخلية عن طريق ضبط توزيع تدفق الهواء وكمية الهواء. سيؤدي إجراء هذه الوظيفة إلى تبديل النظام ما بين الوضع اليدوي والأوضاع الأوتوماتيكية. راجع "التشغيل الأوتوماتيكي" لمزيد من المعلومات.

في وضع MAX A/C (الحد الأقصى لمكيف الهواء)، يمكن ضبط موضع مستوى المروحة والوضع على إعدادات المستخدم المطلوبة. سوف يتسبب الضغط على إعدادات أخرى في تشغيل MAX A/C (الحد الأقصى لمكيف الهواء) للتبديل إلى الإعدادات السابقة وسوف تتسبب في مغادرة وضع MAX A/C (الحد الأقصى لمكيف الهواء).

إعادة تدوير الهواء

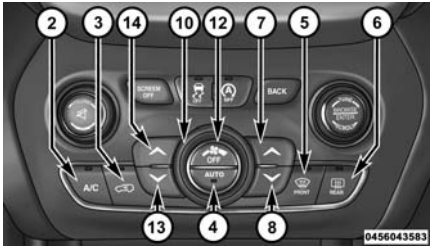
عندما يكون الهواء الخارجي مشبعًا بالدخان أو الروائح الكريهة أو الرطوبة العالية أو إذا رغبت بتبريد السيارة بسرعة، فقد ترغب في تدوير الهواء الداخلي بالضغط على زر تحكم وضع Recirculation (إعادة التدوير). سيضيء مؤشر إعادة التدوير عند تحديد هذا الزر. اضغط على الزر لمرة ثانية لإيقاف تشغيل وضع Recirculation (إعادة التدوير) والسماح بدخول الهواء الخارجي إلى السيارة.

ملاحظة: في الطقس البارد قد يؤدي استخدام تدوير الهواء إلى تراكم الضباب على النوافذ. قد لا تتوافر ميزة إعادة التدوير (يظهر الزر غير منشط) في حالة وجود ظروف تسمح بتكون ضباب على الجزء الداخلي من الزجاج الأمامي. في الأنظمة المزودة بمفاتيح التحكم اليدوي في درجات الحرارة، لا يُسمح بوضع Recirculation (إعادة التدوير) في وضع Defrost (مزيل الصقيع) لتحسين عملية تنظيف النوافذ. حيث يتم تعطيل Recirculation (إعادة التدوير) أوتوماتيكيًا في حالة تحديد هذا الوضع. إن محاولة استخدام وضع Recirculation (إعادة التدوير) أثناء التواجد في هذه الوضع قد يتسبب في وميض مصباح LED الموجود في زر التحكم ثم توقفه عن الإضاءة.

مفاتيح التحكم في نظام التحكم الأوتوماتيكي في درجة الحرارة ثنائي المنطقة المزودة بشاشة اللمس — إذا كانت السيارة مزودة بذلك

الأزرار الموجودة على واجهة نظام ®Uconnect

توجد الأزرار الموجودة في الواجهة أسفل شاشة نظام ®Uconnect.



مفاتيح التحكم في درجة الحرارة أوتوماتيكيًا بنظام ®Uconnect - الأزرار الموجودة على واجهة النظام

8. زر إيقاف تشغيل التحكم بدرجة الحرارة
اضغط على هذا الزر وحرره لتشغيل التحكم في درجة الحرارة أو إيقاف تشغيله.

9. زر التمرير لأسفل للتحكم في درجات الحرارة (نظام Uconnect® 8.4)
يوفر التحكم في درجات الحرارة. اضغط على الزر الموجود على الواجهة لضبط إعدادات درجة الحرارة الباردة أو على شاشة اللمس، اضغط وحرك الزر على شريط درجة الحرارة بشاشة اللمس نحو زر السهم الأزرق الموجود على شاشة اللمس لضبط إعدادات درجة الحرارة الباردة.

10. زر التمرير لأعلى للتحكم في درجات الحرارة (نظام Uconnect® 8.4)
يوفر التحكم في درجات الحرارة. اضغط على الزر الموجود على الواجهة لضبط إعدادات درجة الحرارة الدافئة أو على شاشة اللمس، اضغط وحرك الزر على شريط درجة الحرارة بشاشة اللمس نحو زر السهم الأحمر الموجود على شاشة اللمس لضبط إعدادات درجة الحرارة الدافئة.

11. مفتاح تحكم درجة الحرارة (نظام Uconnect® 5.0)
اضغط على زر درجة الحرارة على شاشة اللمس لتنظيم درجة حرارة الهواء داخل مقصورة الركاب. يشير تحول شريط درجة الحرارة إلى منطقة حمراء إلى درجات حرارة أدفأ. يشير تحول شريط درجة الحرارة إلى منطقة زرقاء إلى درجات حرارة أبرد.

وظائف التحكم في درجات الحرارة

A/C (مكيف الهواء)

يتيح زر A/C (مكيف الهواء) للمشغل التنشيط أو إلغاء التنشيط اليدوي لنظام مكيف الهواء. عند تشغيل نظام مكيف الهواء، سيتدفق الهواء البارد منخفض الرطوبة من خلال المنافذ المحددة إلى الكابينة. لتحسين ترشيد استهلاك الوقود، اضغط على زر A/C (مكيف الهواء) لإيقاف تشغيل مكيف الهواء ولضبط المروحة يدويًا مع إعدادات وضع تدفق الهواء. أيضًا، تأكد من تحديد وضع اللوحة أو ثنائي المستوى أو الأرضية.

ملاحظة:
- **في حالة ظهور الضباب أو الرذاذ على الزجاج الأمامي أو الزجاج الجانبي، اختر وضع Defrost (إزالة الصقيع) واضبط سرعة المروحة إذا لزم الأمر.**
- **وإذا بدا مستوى أداء مكيف الهواء منخفضًا عن المتوقع؛ فافحص مقدمة مكثف مكيف الهواء (الموجود في مقدمة الراديتير) للتخلص من الأتربة أو الحشرات التي قد تكون متجمعة عليه. نظف المكثف برش الماء عليه برفق من خلف الراديتير ومن خلال المكثف. قد تقلل مواد الحماية الصناعية بالمقدمة من تدفق الهواء إلى المكثف، مما يقلل من مستوى أداء المكيف.**

إعداد MAX A/C (الحد الأقصى لمكيف الهواء)

يعمل إعداد MAX A/C (الحد الأقصى لمكيف الهواء) على ضبط التحكم في أداء الحد الأقصى للتبريد.

اضغط للتبديل بين إعداد MAX A/C (الحد الأقصى لمكيف الهواء) والإعدادات السابقة. يضيء الزر الموجود على شاشة اللمس عند تشغيل MAX A/C (الحد الأقصى لمكيف الهواء).

6. مفتاح تحكم المروحة

يستخدم مفتاح التحكم في المروحة لتنظيم كمية الهواء الداخل عبر نظام التحكم في درجة الحرارة. وللمروحة سبع سرعات متاحة. ويؤدي ضبط المروحة إلى تبديل الوضع الأوتوماتيكي إلى التشغيل اليدوي. ويمكن تحديد السرعات باستخدام إما مقبض التحكم في المروحة على الواجهة أو الأزرار الموجودة على شاشة اللمس كما يلي:

مقبض التحكم في المروحة الموجود على الواجهة

تزيد سرعة المروحة عند تدوير مقبض التحكم في المروحة باتجاه عقارب الساعة بدءً من الإعداد الأقل للمروحة. بينما تقل سرعة المروحة عند تدوير مقبض التحكم في المروحة عكس اتجاه عقارب الساعة.

الأزرار الموجودة على شاشة اللمس

استخدم رمز المروحة الصغيرة لتقليل إعداد المروحة ورمز المروحة الكبيرة لزيادة إعداد المروحة. يمكن أيضًا تحديد المروحة بالضغط على منطقة شريط المروحة الموجودة بين الرموز.

7. الأوضاع

يمكن ضبط وضع توزيع تدفق الهواء بحيث يخرج الهواء من منافذ لوحة أجهزة القياس والمنافذ الأرضية ومنافذ إزالة الضباب. وإعدادات Mode (الوضع) هي كما يلي:

- **وضع Panel (اللوحة)**

يخرج الهواء من المنافذ الواقعة في لوحة أجهزة القياس. ومن الممكن ضبط كل منفذ على حدة لتوجيه تيار الهواء. يمكن تحريك ريشات الهواء بالمنافذ المركزية والخارجية لأعلى أو أسفل أو من جانب لجانب لتنظيم اتجاه تدفق الهواء. يوجد قرص للإيقاف أسفل ريشات الهواء لإيقاف تدفق الهواء أو ضبط المقدار المتدفق من هذه المنافذ.

- **وضع Bi-Level (ثنائي المستوى)**

يخرج الهواء من منافذ لوحة أجهزة القياس والمنافذ الأرضية. مع مقدار ضئيل عبر مزيل الصقيع ومنافذ إزالة الضباب من النوافذ الجانبية.

ملاحظة:
تم تصميم وضع Bi-Level (ثنائي المستوى) في ظل ظروف الراحة لتوفير هواء أبرد يخرج من منافذ لوحة القياس وهواء أدفأ من منافذ الأرضية.

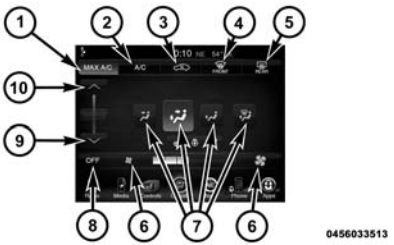
- **وضع Floor (الأرضية)**

يخرج الهواء عبر المنافذ الأرضية. مع مقدار ضئيل عبر مزيل الصقيع ومنافذ إزالة الضباب من النوافذ الجانبية.

- **وضع Mix (المزج)**

يتم توجيه الهواء عبر المنافذ الأرضية ومزيل الصقيع ومنافذ إزالة الضباب من النوافذ الجانبية. ويستفاد من هذه الميزة في الأيام الباردة وعند سقوط الثلج.

ملاحظة: يعمل ضاغط مكيف الهواء في كل من وضعي MIX (المزج) وDEFROST (إزالة الصقيع) حتى إذا لم يكن قد تم الضغط على زر A/C (مكيف الهواء). يؤدي ذلك إلى تقليل مستوى الرطوبة في الهواء للمساعدة على تجفيف الزجاج الأمامي. لتحسين اقتصاديات استهلاك الوقود، استخدم هذه الأوضاع فقط عند الضرورة.



مفاتيح التحكم في درجة الحرارة يدويًا بنظام Uconnect® 8.4 - الأزرار الموجودة على شاشة اللمس

وصف الأزرار (تنطبق على الأزرار الموجودة في الواجهة والأزرار الموجودة على شاشة اللمس)

1. زر MAX A/C (الحد الأقصى لمكيف الهواء)
اضغط على الزر وحرره لتغيير الإعداد الحالي، سيضيء المؤشر عند تشغيل إعداد MAX A/C (الحد الأقصى لمكيف الهواء). سوف يؤدي تنفيذ هذه الوظيفة مرة أخرى إلى تحويل تشغيل إعداد MAX A/C (الحد الأقصى لمكيف الهواء) إلى الوضع اليدوي وسوف ينطفئ مؤشر إعداد MAX A/C (الحد الأقصى لمكيف الهواء).

2. زر A/C (مكيف الهواء)
اضغط على الزر وحرره لتغيير الإعداد الحالي، وسيضيء المؤشر عند تشغيل A/C (مكيف الهواء). سوف يؤدي تنفيذ هذه الوظيفة مرة أخرى إلى تحويل تشغيل A/C (مكيف الهواء) إلى الوضع اليدوي وسوف ينطفئ مؤشر A/C (مكيف الهواء).

3. زر إعادة التدوير
اضغط على الزر وحرره لتغيير الإعداد الحالي، وسيضيء المؤشر عند التشغيل.

4. زر مزيل الصقيع الأمامي
اضغط على الزر ثم حرره لتغيير إعداد تدفق الهواء الحالي إلى وضع Defrost (مزيل الصقيع). يضيء المؤشر عند ضبط هذه الميزة على وضع ON (التشغيل). يخرج الهواء من منافذ الزجاج الأمامي ومنافذ إزالة الضباب من النوافذ الجانبية. عند تحديد زر إزالة الصقيع، قد يزيد مستوى المروحة. استخدم وضع Defrost (إزالة الصقيع) مع تشغيل إعدادات الحد الأقصى لدرجة الحرارة لإزالة الصقيع المتجمع على الزجاج الأمامي والنوافذ الجانبية بأفضل شكل.

5. زر مزيل الصقيع الخلفي
اضغط على هذا الزر، ثم حرره لتشغيل مزيل الصقيع عن النافذة الخلفية والمرايا الخارجية المسخنة (إذا كانت السيارة مزودة بذلك). سيضيء مصباح مؤشر عند تشغيل مزيل الصقيع من النافذة الخلفية. يتم أوتوماتيكيًا إيقاف تشغيل مزيل الصقيع عن النافذة الخلفية بعد 10 دقائق. عند كل ضغطة إضافية على هذا الزر، ستتم إضافة خمس دقائق إضافية إلى وظيفة الوقت.

تنبيه!
إن عدم اتباع هذه التنبيهات قد يتسبب في تلف عناصر التسخين:
- عليك بتوخي الحذر عند غسل الجزء الداخلي من النافذة الخلفية. لا تستخدم منظفات النوافذ الكاشطة على السطح الداخلي للنافذة. استخدم قطعة قماش ناعمة ومحلول غسيل معتدل، وقم بالمسح بشكل موازي لأجزاء التسخين. وبالإمكان إزالة الملصقات الموجودة على الزجاج بعد أن تبلل بماء دافئ.
- لا تستخدم أدوات تنظيف كاشطة أو أدوات حادة أو منظفات النوافذ الكاشطة على السطح الداخلي للنافذة.
- احتفظ بجميع المتعلقات على مسافة آمنة من النافذة.

(تابع)

منافذ الهواء

يمكن ضبط تدفق الهواء من كل منفذ من منافذ لوحة أجهزة القياس من حيث الاتجاه، كما يمكن فتح المنافذ وإغلاقها للتحكم في تدفق الهواء.

ملاحظة: للسماح بتدفق الهواء بأقصى قدر ممكن إلى الركاب في الخلف، يمكن تغيير وجهة المنافذ الوسطى في لوحة أجهزة القياس نحو ركاب المقعد الخلفي.

وضع التشغيل الاقتصادي

إذا رغبت في وضع التشغيل الاقتصادي، فاضغط على زر A/C (مكيف الهواء) لإطفاء ضوء مؤشر LED وضاغط مكيف الهواء. حرك مقبض التحكم بدرجات الحرارة إلى الدرجة المطلوبة. أيضًا، تأكد من تحديد وضع اللوحة أو ثنائي المستوى أو الأرضية.

نظام Stop/Start (الإيقاف/بدء التشغيل) - إذا كانت السيارة مزودة بذلك

أثناء التواجد في وضع Autostop (التوقف الأوتوماتيكي)، قد يقوم نظام التحكم في درجة الحرارة بضبط تدفق الهواء للمحافظة على الراحة داخل الكابينة. ستتم المحافظة على إعدادات العميل عند العودة إلى حالة تشغيل المحرك.

مفاتيح التحكم اليدوي في درجة الحرارة المزودة بشاشة لمس — إذا كانت السيارة مزودة بذلك

الأزرار الموجودة على واجهة نظام ®Uconnect

توجد الأزرار الموجودة في الواجهة أسفل شاشة نظام ®Uconnect.

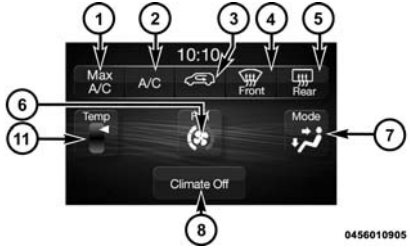
مفاتيح التحكم في درجة الحرارة يدويًا بنظام ®Uconnect - الأزرار الموجودة على الواجهة

تنبيه!

لا تثبت أي شيء على شاشة اللمس، القيام بذلك قد يتسبب في تلف شاشة اللمس.

الأزرار الموجودة على شاشة اللمس لنظام ®Uconnect

الأزرار الموجودة على شاشة اللمس يمكن الوصول إليها من خلال شاشة نظام ®Uconnect.



مفاتيح التحكم في درجة الحرارة يدويًا بنظام ®Uconnect 5.0 - الأزرار الموجودة على شاشة اللمس

ملاحظة: هناك اختلاف في درجة الحرارة (في أي ظروف أخرى غير البرد التام أو الحر التام)، بين المنافذ العليا والسفلى لتوفير مزيد من الراحة. حيث يتجه الهواء الأكثر دفئًا إلى المنافذ السفلية. وهذه الميزة توفر مزيدًا من الراحة أثناء السير في ظروف الطقس البارد مع سطوع الشمس.

وضع Floor (الأرضية)

يتم توجيه الهواء من خلال منافذ الأرضية بالإضافة إلى مقدار قليل من الهواء من خلال منفذي إزالة صقيع وإزالة ضباب النوافذ الجانبية.

وضع Mix (المزج)

يتم توجيه الهواء من خلال الأرضية ومنافذ إزالة الضباب ومنافذ مزيل الرطوبة الخاص بزجاج النوافذ. ويعمل هذا الضبط بصورة أفضل في الظروف الباردة أو هطول الثلوج، والتي تتطلب تسخينًا إضافيًا للزجاج الأمامي. ويصلح هذا الإعداد للحفاظ على مستوى راحة الركاب مع تقليل مستوى الرطوبة المتجمعة على الزجاج الأمامي.

وضع Defrost (إزالة الصقيع)

يتم توجيه الهواء من خلال منافذ الزجاج الأمامي ومنافذ مزيل الرطوبة الخاص بزجاج النوافذ الجانبية. استخدم وضع Defrost (إزالة الصقيع) مع تشغيل المروحة على أقصى درجة وضبط درجة الحرارة على إعداد دافئ لإزالة الصقيع المتجمع على الزجاج الأمامي والنوافذ الجانبية بأفضل شكل.

ملاحظة: يعمل ضاغط مكيف الهواء في كل من وضعي MIX (المزج) وDEFROST (إزالة الصقيع) أو خليط من هذين الوضعين حتى إذا لم يكن قد تم الضغط على زر A/C (مكيف الهواء). يؤدي ذلك إلى تقليل مستوى الرطوبة في الهواء للمساعدة على تجفيف الزجاج الأمامي. لتحسين اقتصاديات استهلاك الوقود، استخدم هذه الأوضاع فقط عند الضرورة.

التحكم في تدوير الهواء

اضغط على هذا الزر للاختيار بين مأخذ الهواء الخارجي أو إعادة تدوير الهواء داخل السيارة. يضيء مصباح LED عند تشغيل وضع إعادة تدوير الهواء. استخدم وضع إعادة تدوير الهواء فقط لمنع دخول أي روائح كريهة أو أدخنة أو أتربة إلى داخل السيارة ولتبريد المقصورة الداخلية بسرعة عند بدء التشغيل الأولي في ظروف الحرارة العالية أو الرطوبة المرتفعة.

ملاحظة:

- **عند الضغط على زر إعادة التدوير والنظام في وضع إزالة الصقيع، يومض مؤشر مصباح إعادة التدوير 3 مرات، ثم ينطفئ للإشارة إلى أن وضع إعادة التدوير غير مسموح به.**
- **قد يؤدي الاستخدام المستمر لوضع إعادة تدوير الهواء إلى فساد الهواء الموجود بداخل السيارة؛ وقد يؤدي إلى تجمع الضباب على زجاج النوافذ. لا يُوصى بالاستخدام الممتد لهذا الوضع.**
- **في ظروف الطقس البارد أو الرطب، يؤدي استخدام وضع "إعادة تدوير الهواء" إلى تجمع الضباب على النوافذ من الداخل نظرًا لتكوّن الرطوبة داخل السيارة. للتخلص من تجمع الضباب بأقصى قدر ممكن؛ اختر وضع الهواء الخارجي.**
- **يمكن إلغاء تحديد مكيف الهواء يدويًا دون إعاقة تحديد التحكم في الوضع بالضغط على زر A/C (مكيف الهواء).**

مفتاح التحكم في مروحة الهواء الأمامية

للمروحة سبع سرعات. استخدم مفتاح التحكم هذا لتنظيم مقدار الهواء المندفع من خلال النظام في أي وضع تحدده. تزيد سرعة المروحة كلما حركت زر التحكم في اتجاه عقارب الساعة من وضع OFF (إيقاف التشغيل).

مفتاح تحكم درجة الحرارة

استخدم زر التحكم هذا لتنظيم درجة حرارة الهواء داخل مقصورة الركاب. فتدوير المقبض عكس اتجاه حركة عقارب الساعة، من النصف العلوي داخل المنطقة الزرقاء على التدريج، يشير إلى درجات الحرارة الباردة. وتدوير المقبض في اتجاه عقارب الساعة، داخل المنطقة الحمراء يشير إلى درجات الحرارة الساخنة.

تشغيل مكيف الهواء

اضغط على زر A/C (مكيف الهواء) لتشغيل مكيف الهواء (A/C). سوف يضيء مؤشر عند تشغيل نظام مكيف الهواء (A/C).

إعداد MAX A/C (الحد الأقصى لمكيف الهواء)

للحصول على أقصى تبريد، عند اختيار MAX A/C (الحد الأقصى لمكيف الهواء) سيتم تشغيل مكيف الهواء أوتوماتيكيًا وسيتم تدوير الهواء.

ملاحظة: لا يمكن إلغاء تحديد مكيف الهواء عندما يكون في الوضع MAX A/C (الحد الأقصى لمكيف الهواء). سيومض المؤشر لثلاث مرات عند الضغط على زر A/C (مكيف الهواء). وإذا بدا مستوى أداء مكيف الهواء منخفضًا عن المتوقع؛ فافحص مقدمة مكثف مكيف الهواء (الموجود في مقدمة الراديياتير) للتخلص من الأتربة أو الحشرات التي قد تكون متجمعة عليه. نظف المكثف برش الماء عليه برفق من خلف الراديياتير ومن خلال المكثف. قد تقلل مواد الحماية الصناعية بالمقدمة من تدفق الهواء إلى المكثف، مما يقلل من مستوى أداء المكيف.

مفتاح التحكم في الوضع (توجيه الهواء)

يتيح لك مفتاح التحكم في الوضع الاختيار من أنماط عديدة لتوزيع الهواء. يمكنك اختيار الوضع الأساسي، كما هو موضح بواسطة المؤشرات؛ أو خليط من هذين الوضعين. وكلما اقترب مفتاح التحكم من وضع محدد؛ زاد معدل توزيع الهواء الخارج من الوضع.

وضع Panel (اللوحة)

يتم توجيه الهواء من خلال المنافذ الموجودة في لوحة أجهزة القياس. ويمكن ضبط تلك المنافذ لتوجيه تدفق الهواء.

وضع Bi-Level (ثنائي المستوى)

يتم توجيه الهواء من خلال اللوحة والمنافذ السفلية.

معلومات عامة

يتوافق هذا الجهاز مع الجزء 15 من قواعد لجنة الاتصالات الفيدرالية (FCC) ومع المواصفة RSS 210 لوزارة الصناعة بكندا. ويخضع تشغيل جهاز الإرسال إلى الشرطين التاليين:

- قد تؤدي التغييرات أو التعديلات غير المعتمدة بصورة صريحة من قِبل الجهة المسؤولة عن التوافق إلى إبطال رخصة المستخدم الخاصة بتشغيل المعدات.
- لا يجوز أن يسبب هذا الجهاز أي تداخل ضار مع أجهزة الإرسال الأخرى.
- يجب أن يقبل هذا الجهاز أي تداخل بما فيه التداخل الذي قد يتسبب في تشغيل غير مرغوب فيه.

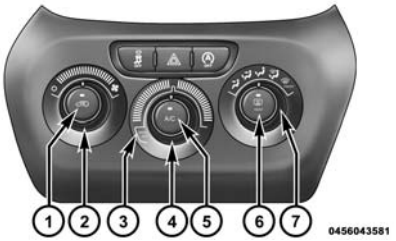
مفاتيح التحكم في درجات الحرارة

صمم نظام مكيف وتدفئة الهواء ليوفر لك الراحة في كل الظروف مهما كانت حالة الطقس. يمكن تشغيل هذا النظام من خلال مفاتيح التحكم الموجودة في لوحة أجهزة القياس أو من خلال شاشة عرض نظام ®Uconnect.

عندما يكون نظام ®Uconnect في أوضاع مختلفة (Radio (الراديو) أو Player (المشغل) أو Settings (الإعدادات) أو More (المزيد) أو ما شابه)، ستتم الإشارة إلى إعدادات درجة حرارة السائق والركاب في الجزء العلوي من شاشة العرض.

مفاتيح التحكم في درجة الحرارة يدويًا دون شاشة اللمس — إذا كانت السيارة مزودة بذلك

تتكون مفاتيح التحكم في نظام التدفئة ومكيف الهواء اليدوي في هذه السيارة من سلسلة من مجموعة من الأقراص الدوارة الخارجية ومقابض الضغط الداخلية. يمكن ضبط مفاتيح الراحة تلك للحصول على أجواء داخلية تناسب رغباتك.



مفاتيح التحكم في درجة الحرارة يدويًا

1 — مفتاح التحكم في إعادة تدوير الهواء
2 — التحكم في المروحة الأمامية
3 — الحد الأقصى لمكيف الهواء (A/C)
4 — مفتاح التحكم في درجة الحرارة
5 — مكيف الهواء (A/C)
6 — وضع إزالة الصقيع الخلفي
7 — مفتاح التحكم في الوضع

مشغل الأقراص المضغوطة

يؤدي الضغط على الجزء العلوي من المفتاح مرة واحدة إلى الانتقال إلى المسار التالي على القرص المضغوط. يؤدي الضغط على الجزء السفلي من المفتاح مرة واحدة إلى الانتقال إلى بداية المسار الحالي أو إلى بداية المسار السابق إذا كان يقع في غضون ثمانية ثوان من بداية تشغيل المسار الحالي.

إذا قمت بالضغط على المفتاح لأعلى أو لأسفل مرتين، فسيتم تشغيل المسار الثاني، وإذا قمت بالضغط ثلاث مرات فسيتم تشغيل المسار الثالث، وهكذا.

لا توجد وظيفة للزر الأوسط في المفتاح الهزاز الأيسر لمشغل القرص المضغوط الواحد. أما عند تزويد السيارة بمشغل أقراص مضغوطة متعدد، فإن الزر الأوسط يختار القرص المضغوط التالي في المشغل.

صيانة أقراص CD/DVD

للحفاظ على أقراص CD/DVD في حالة جيدة، قم باتباع الاحتياطات التالية:

1. تعامل مع القرص من خلال حوافه وتجنب لمس سطحه.
2. إذا ظهرت بقع على القرص، فنظف سطح القرص بقطعة قماش ناعمة مع المسح من المنتصف إلى الحافة.
3. لا تضع أوراقًا أو أشرطة على القرص وتجنب خدش القرص.
4. لا تستخدم المواد المذيبة مثل البنزين أو الثنر أو المنظفات أو الرذاذ المانع للكهرباء الاستاتيكية.
5. خزن القرص في علبته بعد انتهاء تشغيله.
6. لا تعرض القرص لأشعة الشمس المباشرة.
7. لا تخزن القرص حيث ترتفع درجات الحرارة للغاية.

ملاحظة: إذا واجهتك مشكلة عند تشغيل قرص معين، فقد يكون القرص تالفًا (كأن يكون مخدوشًا أو أزيلت طبقته العاكسة أو عليه شعر أو رطوبة أو نداوة) أو حجمه زائد أو فيه ترميز حماية. جرب أحد الأقراص الجيدة قبل التفكير بالتوجه إلى خدمة إصلاح مشغل الأقراص.

تشغيل الراديو والهواتف المحمولة

في ظروف معينة، قد يؤدي تشغيل الهاتف المحمول بسيارتك إلى عمل الراديو بشكل مشوش أو محدثًا ضجة. يمكن تقليل هذا التشويش أو إنهاؤه بتغيير موقع هوائي الهاتف المحمول. وهذا التشويش لا يعتبر ضارًا بالراديو. إذا لم يكن أداء الراديو مرضيًا حتى مع تغيير موضع الهوائي، فينصح بخفض أو إيقاف صوت الراديو أثناء تشغيل الهاتف الخلوي عند عدم استخدام نظام ®Uconnect (إذا كانت السيارة مزودة بذلك).

تدعم ميزة التحكم في أجهزة ®iPod أجهزة Mini وG4 وPhoto وNano و®iPod 5G و®iPhone. قد لا تدعم بعض إصدارات برامج ®iPod ميزات التحكم في برامج جهاز ®iPod بشكل كامل. يُرجى زيارة موقع Apple على الإنترنت لمعرفة تحديثات البرامج.

لمزيد من المعلومات، راجع دليل مستخدم نظام ®Uconnect.

مفاتيح التحكم في الصوت الموجودة عجلة القيادة — إذا كانت السيارة مزودة بذلك

توجد مفاتيح التحكم عن بُعد في نظام الصوت على السطح الخلفي لعجلة القيادة. قم بالوصول إلى خلف العجلة للوصول إلى المفاتيح.

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مفاتيح التحكم عن بُعد في الصوت (منظر خلفي لعجلة القيادة)

يعتبر مفتاح التحكم الأيمن من النوع الهزاز وهو يحتوي على زر قابل للضغط في المنتصف يتحكم في درجة ووضع نظام الصوت. سيعمل الضغط على الجزء العلوي من المفتاح الهزاز على رفع مستوى الصوت، بينما يعمل الضغط على الجزء السفلي من المفتاح الهزاز على خفض مستوى الصوت.

ويؤدي الضغط على الزر الأوسط إلى جعل الراديو ينتقل بين الأوضاع المتنوعة المتاحة (AM/FM/CD/AUX وغير ذلك).

يعتبر مفتاح التحكم الأيسر من النوع الهزاز ويحتوي على زر قابل للضغط في الوسط. وتختلف وظيفة مفتاح التحكم الأيسر باختلاف الوضع الذي تتواجد به.

وفيما يلي وصفًا لطريقة تشغيل مفتاح التحكم الأيسر في كل وضع.

تشغيل الراديو

يؤدي الضغط على الجزء العلوي من المفتاح إلى "البحث" في الاتجاه العلوي عن المحطة التالية التي يمكن الاستماع إليها ويؤدي الضغط على الجزء السفلي من المفتاح إلى البحث في الاتجاه السفلي عن المحطة التالية التي يمكن الاستماع إليها.

يقوم الزر الموجود بمنتصف مفتاح التحكم الأيسر بالتوليف إلى المحطة المضبوطة مسبقًا التالية والتي قمت ببرمجتها باستخدام زر الضبط المسبق للراديو.

مسح البيانات الشخصية

بعد الضغط على زر "Clear Personal Data Settings" (إعدادات مسح البيانات الشخصية) على شاشة اللمس تكون الإعدادات التالية متاحة:

- **مسح البيانات الشخصية**

عندما يتم تحديد هذه الميزة، سيتم إزالة البيانات الشخصية بما في ذلك أجهزة ®Bluetooth ومفاتيح الضبط المسبق. لإزالة المعلومات الشخصية، اضغط على زر "Clear Personal Data" (مسح البيانات الشخصية)، وسوف تظهر نافذة منبثقة تسألك "Are you sure you want to clear all personal data?" (هل أنت متأكد من رغبتك في مسح جميع البيانات الشخصية؟) حدد "OK" (موافق) للمسح أو "Cancel" (إلغاء) للخروج. بمجرد مسح البيانات، تظهر رسالة منبثقة "Personal data cleared" (تم مسح البيانات الشخصية).

معلومات النظام

بعد الضغط على زر "System Information" (معلومات النظام) على شاشة اللمس تكون الإعدادات التالية متاحة:

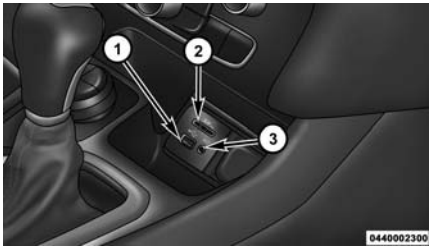
- **معلومات النظام**

عند اختيار وضع System Information (معلومات النظام)، سوف تظهر شاشة System Information (معلومات النظام) لتعرض إصدار برنامج النظام.

أجهزة الراديو المزودة بنظام ®Uconnect - إذا كانت السيارة مزودة بذلك

للتعرف على معلومات تفصيلية حول الراديو المزود بنظام ®Uconnect، راجع دليل ملحق نظام ®Uconnect.

مفتاح التحكم في جهاز ®iPod/وحدة USB/ وحدة MP3 - إذا كانت السيارة مزودة بذلك



منفذ USB ومنفذ AUX (الأجهزة الإضافية) وفتحة بطاقة SD

1 — منفذ USB
2 — فتحة بطاقة SD
3 — منفذ AUX (الأجهزة الإضافية)

موجود في منطقة التخزين الأمامية، تتيح هذه الميزة توصيل جهاز ®iPod أو وحدة USB الخارجية بمنفذ USB.

- **إزاحة مستوى صوت الجهاز الإضافي - إذا كانت السيارة مزودة بذلك**

تعمل هذه الميزة على توفير القدرة على توليف مستوى الصوت للأجهزة المحمولة المتصلة من خلال إدخال AUX (الجهاز الإضافي). لإجراء التحديد، اضغط على زر AUX Volume Match (مناسبة مستوى صوت الجهاز الإضافي) على شاشة اللمس، واختر مستوى من 3- إلى 3+. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **علو الصوت — إذا كانت السيارة مزودة بذلك**

تعمل ميزة علو الصوت على تحسين جودة الصوت عند مستويات الصوت المنخفضة. لإجراء التحديد، اضغط على زر "Loudness" (علو الصوت) على شاشة اللمس، وحدد "Yes" (نعم) أو "No" (لا). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الهاتف/Bluetooth®

بعد الضغط على زر "Phone/Bluetooth®" (الهاتف/Bluetooth®) على شاشة اللمس تكون الإعدادات التالية متاحة:

- **الهواتف المقترنة**

تعرض هذه الميزة أي الهواتف مقترنة بنظام Phone/Bluetooth® (الهاتف/Bluetooth®). لمزيد من المعلومات، راجع دليل ملحق نظام Uconnect®.

- **المصادر الصوتية المقترنة**

تعرض هذه الميزة أجهزة الصوت المقترنة بنظام Phone/Bluetooth® (الهاتف/Bluetooth®). لمزيد من المعلومات، راجع دليل ملحق نظام Uconnect®.

استعادة الإعدادات

بعد الضغط على زر "Restore Settings" (استعادة الإعدادات) على شاشة اللمس تكون الإعدادات التالية متاحة:

- **استعادة الإعدادات**

عندما يتم تحديد هذه الميزة، سوف تستعيد إعدادات Display (شاشة العرض) وClock (الساعة) وAudio (الصوت) وRadio (الراديو) إلى إعداداتها الافتراضية. لاستعادة الإعدادات إلى الإعداد الافتراضي، اضغط على زر "Restore Settings" (استعادة الإعدادات) على شاشة اللمس وسوف تظهر نافذة منبثقة تسأل "Are you sure you want to reset your settings to default?" (هل تريد بالتأكيد إعادة ضبط الإعدادات إلى الإعدادات الافتراضية؟)، حدد "OK" (موافق) لتتم الاستعادة أو "Cancel" (إلغاء) للخروج. بمجرد استعادة الإعدادات، تظهر رسالة منبثقة تفيد أنه "settings reset to default" (تمت استعادة الإعدادات إلى الوضع الافتراضي).

- **تأخير إيقاف طاقة المحرك**

عند تحديد هذه الميزة، تبقى مفاتيح النوافذ العاملة بالطاقة والراديو ونظام Uconnect® phone (إذا كانت السيارة مزودة بذلك) ونظام فيديو DVD (إذا كانت السيارة مزودة بذلك) والسقف المتحرك العامل بالطاقة (إذا كانت السيارة مزودة بذلك) ومآخذ تزويد الطاقة نشطة لمدة تصل إلى 10 دقائق بعد ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة. لتغيير حالة Engine Off Power Delay (تأخير إيقاف طاقة المحرك) اضغط على زر "+" أو "-" للاختيار من بين "0 ثانية" أو "45 ثانية" أو "5 دقائق" أو "10 دقائق". اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **تأخير إطفاء المصابيح الأمامية**

عند تحديد هذه الميزة يكون بإمكان السائق اختيار بقاء المصابيح الأمامية مشغلة لمدة 0 أو 30 أو 60 أو 90 ثانية بعد الخروج من السيارة. لتغيير حالة Headlight Off Delay (تأخير إطفاء المصابيح الأمامية)، اضغط على الرز "+" أو "-" على شاشة اللمس لتحديد الفاصل الزمني. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الصوت

بعد الضغط على زر "Audio" (الصوت) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **التوازن/الخفت**

تتيح لك هذه الميزة ضبط إعدادات Balance (التوازن) وFade (الخفت). اضغط واسحب رمز مكبر الصوت أو استخدم الأسهم للضبط، أو اضغط على رمز "C" لإعادة الضبط إلى المركز. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **المعادل**

تتيح لك هذه الميزة لضبط إعدادات Bass (الجهير) وMid (النطاق المتوسط) وTreble (الصوت المرتفع). اضبط الإعدادات باستخدام زري الإعداد " +" أو " -" على شاشة اللمس أو من خلال تحديد أي نقطة على المقياس بين زري " +" و" -" على شاشة اللمس. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

ملاحظة: يتيح لك إعداد Bass (الجهير)/Mid (النطاق المتوسط)/Treble (الصوت المرتفع) تحريك إصبعك ببساطة لأعلى أو لأسفل لتغيير الإعداد بالإضافة إلى الضغط على الإعداد المطلوب مباشرة.

- **مستوى الصوت المعدل بالسرعة**

تزيد هذه الميزة مستوى الصوت أو تخفضه حسب سرعة السيارة. لتغيير Speed Adjusted Volume (مستوى الصوت المعدل بالسرعة)، اضغط على "Off" (إيقاف) أو "1" أو "2" أو "3" على شاشة اللمس. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **الصوت المحيطي — إذا كانت السيارة مزودة بذلك**

توفر هذه الميزة وضع محاكاة صوت محيطي. لإجراء التحديد، اضغط على زر "Surround Sound" (الصوت المحيطي) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

ملاحظة: يعود المقعد إلى موقع المقعد المحفوظ في الذاكرة (في حالة تشغيل ميزة استدعاء الذاكرة باستخدام جهاز فتح الأبواب عن بُعد) عند استخدام جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح لإلغاء قفل الباب. راجع "المقعد المضبوط في الذاكرة للسائق" ضمن قسم "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

- **صافرة باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك**

تصدر هذه الميزة تنبيهًا عندما يتم رفع باب المؤخرة العامل بالطاقة أو خفضه. لإجراء التحديد، اضغط على زر "Power Lift Gate Chime" (صافرة باب المؤخرة العامل بالطاقة) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

التشغيل التلقائي عند الراحة - إذا كانت السيارة مزودة بذلك

بعد الضغط على زر "Auto-On Comfort" (التشغيل التلقائي عند الراحة) على شاشة اللمس تكون الإعدادات التالية متاحة:

- **مقعد السائق المسخن/المزود بالتهوية وعجلة القيادة المسخنة/المزودة بالتهوية أوتوماتيكيًا عند تشغيل السيارة — إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، سيتم تشغيل المقعد المسخن للسائق تلقائيًا عندما تكون درجات الحرارة أقل من 4.4 درجة مئوية (40 درجة فهرنهايت). عندما تكون درجات الحرارة أعلى من 26.7 درجة مئوية (80 درجة فهرنهايت) يتم تشغيل مقعد السائق المزود بالتهوية. لإجراء التحديد، اضغط على زر "Auto-On Driver Heated/Ventilated Seat & Steering Wheel With Vehicle Start" (مقعد السائق المسخن وعجلة القيادة المسخنة أوتوماتيكيًا عند تشغيل السيارة) على شاشة اللمس، ثم حدد إما "Off" (إيقاف التشغيل) أو "Remote Start" (التشغيل عن بُعد) أو "All Starts" (جميع عمليات بدء التشغيل) حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف/زر Done (تم) على شاشة اللمس للرجوع إلى القائمة السابقة.

خيارات إيقاف تشغيل المحرك

بعد الضغط على زر "Engine Off Options" (خيارات إيقاف تشغيل المحرك) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **مقعد الخروج السهل — إذا كانت السيارة مزودة بذلك**

توفر هذه الميزة أوضاع مقعد سائق أوتوماتيكية لتسهيل حرية حركة السائق عند الدخول والخروج من السيارة. لإجراء التحديد، اضغط على زر "Easy Exit Seat" (مقعد الخروج السهل) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **إلغاء القفل بالضغطة الأولى على حافظة المفاتيح**

عند اختيار "Driver Door" (باب السائق) مع تحديد 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغطة الأولى على حافظة المفاتيح)، يتم إلغاء قفل باب السائق فقط عند الضغطة الأولى على زر إلغاء القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE). يجب عليك الضغط على زر إلغاء القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) مرتين لفتح أبواب الركاب. عند اختيار "All Doors" (جميع الأبواب) مع تحديد "1st Press Of Key Fob Unlocks" (إلغاء القفل بالضغطة الأولى على حافظة المفاتيح)، يتم إلغاء قفل جميع الأبواب عند الضغطة الأولى على زر إلغاء القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE).

ملاحظة: إذا كانت السيارة مبرمجة على 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغطة الأولى على حافظة المفاتيح) مع تحديد "All Doors" (كل الأبواب)، فسيتم إلغاء قفل جميع الأبواب بغض النظر عن أي مقبض باب مزود بنظام الدخول غير النشط قد تم مسكه. إذا تمت برمجة 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغطة الأولى على حافظة المفاتيح) مع تحديد "Driver Door" (باب السائق)، فسيتم إلغاء قفل باب السائق فقط عند مسك مقبض باب السائق. باستخدام نظام الدخول غير النشط، وفي حالة برمجة 1st Press Of Key Fob Unlocks (إلغاء القفل بالضغطة الأولى على حافظة المفاتيح) مع تحديد "Driver Door" (باب السائق)، يؤدي لمس المقبض أكثر من مرة إلى فتح باب السائق فقط. في حالة اختيار"Driver Door" (باب السائق)، وبمجرد فتح باب السائق، يمكن استخدام مفتاح قفل/إلغاء قفل الباب الداخلي لإلغاء قفل جميع الأبواب (أو استخدام جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE)).

• **الدخول غير النشط**

تتيح لك هذه الميزة قفل أبواب السيارة وإلغاء قفلها دون الحاجة إلى الضغط على أزرار القفل أو إلغاء القفل بجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE). لإجراء التحديد، اضغط على زر "Passive Entry" (الدخول غير النشط) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة. راجع "ميزة الدخول دون مفتاح Keyless Enter-N-Go™" في "أمور يجب أن تعرفها قبل تشغيل سيارتك".

• **الإعدادات الشخصية المرتبطة بحافظة المفاتيح — إذا كانت السيارة مزودة بذلك**

توفر هذه الميزة استدعاء أوتوماتيكي لجميع إعدادات المخزنة بموقع الذاكرة (مقعد السائق والمرايا الخارجية وموضع عمود التوجيه ومحطة الراديو مسبقة الضبط) لتسهيل حرية حركة السائق عند الدخول والخروج من السيارة. لإجراء التحديد، المس المفتاح البرمجي Personal Settings Linked to Key Fob (الإعدادات الشخصية المرتبطة بحافظة المفاتيح) على شاشة اللمس حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

الواجهة. راجع "المصابيح/المصابيح الأوتوماتيكية عالية الضوء - إذا كانت السيارة مزودة بذلك" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

- **أضواء النهار - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، سيتم تشغيل المصابيح الأمامية عند ضبط السيارة أثناء تحركه. لإجراء التحديد، اضغط على زر "Daytime Running Lights" (أضواء النهار) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

- **وميض الأضواء عند القفل**

عند تحديد هذه الميزة، تومض المصابيح الأمامية عند قفل الأبواب أو إلغاء قفلها باستخدام جهاز إرسال نظم فتح الأبواب عن بُعد بدون مفاتيح (RKE). يمكن اختيار هذه الميزة مع أو دون اختيار ميزة إطلاق صوت الإنذار عند القفل. لإجراء التحديد، اضغط على زر "Flash Lights With Lock" (وميض الأضواء عند القفل) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

الأبواب والأقفال

بعد الضغط على زر "Doors & Locks" (الأبواب والأقفال) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **أقفال الأبواب الأوتوماتيكية**

عند اختيار هذه الميزة، يتم قفل جميع الأبواب أوتوماتيكيًا عند وصول السيارة لسرعة 24 كم/ساعة (15 ميلاً/ساعة). لإجراء التحديد، اضغط على زر "Auto Door Locks" (أقفال الأبواب الأوتوماتيكية) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

- **إلغاء القفل الأوتوماتيكي عند الخروج**

عند اختيار هذه الميزة، يتم إلغاء قفل جميع الأبواب عند توقف السيارة ووجود ناقل الحركة في وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) مع فتح باب السائق. لإجراء التحديد، اضغط على زر "Auto Unlock On Exit" (إلغاء القفل الأوتوماتيكي عند الخروج) على شاشة اللمس حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

- **وميض الأضواء عند القفل**

عند تحديد هذه الميزة، تومض المصابيح الخارجية عند قفل الأبواب أو إلغاء قفلها باستخدام جهاز إرسال نظم فتح الأبواب عن بُعد بدون مفاتيح (RKE) أو باستخدام ميزة الدخول غير النشط. يمكن اختيار هذه الميزة مع أو دون اختيار ميزة إطلاق صوت الإنذار عند القفل. لإجراء التحديد، اضغط على زر "Flash Lights with Lock" (وميض الأضواء عند القفل) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **صدور صوت آلة التنبيه عند القفل**

عند تحديد هذه الميزة، تصدر إشارة تنبيه صوتية قصيرة من آلة التنبيه عند تنشيط أقفال الباب. لإجراء التحديد، اضغط إما على زر "Off" (إيقاف التشغيل) أو "1st Press" (الضغطة الأولى) أو "2nd Press" (الضغطة الثانية) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **ماسحات استشعار المطر الأوتوماتيكية**

عند اختيار هذه الميزة، ينشط النظام ماسحات الزجاج الأمامي أوتوماتيكيًا إذا استشعر وجود ماء على الزجاج الأمامي. لإجراء التحديد، اضغط على زر "Rain Sensing" (استشعار المطر) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **وضع الخدمة بفرامل التوقف الكهربية**

توفر هذه الميزة وسيلة للفني أو مالك السيارة لاستخدام نظام القيادة بالقائمة المدمجة بالسيارة للسيطرة على رد فعل فرامل التوقف الكهربية من أجل صيانة الفرامل الخلفية (بطانات الفرامل أو الآليات الفكية أو الأجزاء الدوارة أو ما شابه).

للحصول على مزيد من المعلومات، راجع "فرامل التوقف الكهربية (EPD)" في قسم "البدء والتشغيل".

المصابيح

بعد الضغط على زر "Lights" (المصابيح) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **تأخير إطفاء المصابيح الأمامية**

عندما يتم تحديد هذه الميزة، فإنها تتيح ضبط مقدار الوقت الذي تظل فيه المصابيح الأمامية قيد التشغيل بعد إيقاف تشغيل المحرك. لتغيير إعداد تأخير إطفاء المصابيح الأمامية، اضغط على زر "+" أو "-" على شاشة اللمس لتحديد فترة الوقت المطلوب، ثم اختر إما 0 ثانية أو 30 ثانية أو 60 ثانية أو 90 ثانية. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

- **إضاءة المصابيح الأمامية على الطريق**

عند اختيار هذه الميزة يتم تنشيط المصابيح الأمامية وتبقي في حالة تشغيل لمدة 0 أو 30 أو 60 أو 90 ثانية، وذلك عند فتح الأبواب باستخدام جهاز إرسال نظام فتح الأبواب عن بُعد بدون مفاتيح (RKE). لتغيير حالة Illumination Approach (إضاءة الطريق)، اضغط على الرز + أو - على شاشة اللمس لتحديد الفاصل الزمني. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

- **المصابيح الأمامية مع الماسحات ـــ إذا كانت السيارة مزودة بذلك**

عند اختيار هذه الميزة ووجود مفتاح المصباح الأمامي في وضع AUTO (أوتوماتيكي)، تعمل المصابيح الأمامية لمدة 10 ثوان تقريبًا بعد تشغيل الماسحات. يتم إيقاف تشغيل المصابيح الأمامية أيضًا عند إيقاف تشغيل الماسحات إذا كان قد تم تشغيلها باستخدام هذه الميزة. لإجراء التحديد، اضغط على زر "Headlights With Wipers" (المصابيح الأمامية مع الماسحات) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في الواجهة.

- **تعتيم الأضواء العالية أوتوماتيكيًا - إذا كانت السيارة مزودة بذلك**

عند اختيار هذه الوظيفة؛ يتم تعطيل المصابيح العالية الأمامية أوتوماتيكيًا في أحوال معينة. لإجراء التحديد، اضغط على زر "Auto High Beams" (تعتيم الأضواء العالية أوتوماتيكيًا) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على زر رجوع في

• **إمالة المرايا عند الرجوع للخلف - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، تتم إمالة مرايا الرؤية الجانبية الخارجية لأسفل عندما يكون مفتاح التشغيل في وضع RUN (الانطلاق) وذراع ناقل الحركة في وضع REVERSE (الرجوع للخلف). تعود المرايا إلى أوضاعها السابقة عند نقل ناقل الحركة إلى خارج وضع REVERSE (الرجوع للخلف). لإجراء التحديد، اضغط على زر "Tilt Mirrors In Reverse" (إمالة المرايا عند الرجوع إلى الخلف) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **تنبيه النقاط الخفية - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، يمكن ضبط ميزة Blind Spot Alert (تنبيه النقاط الخفية) على Off (إيقاف) أو Lights (المصابيح) أو Lights and Chime (المصابيح والصافرة). يمكن تنشيط ميزة تنبيه النقاط الخفية في وضع Lights (المصابيح). عند تحديد هذا الوضع يتم تنشيط نظام مراقبة النقاط الخفية (BSM) وسيعرض تنبيهًا مرئيًا فقط في المرايا الخارجية. في الوضع Lights & Chime (المصابيح والصافرة)، سيعرض نظام مراقبة النقاط الخفية (BSM) تنبيهًا مرئيًا في المرايا الخارجية بالإضافة إلى تنبيه صوتي عند تشغيل إشارة الانعطاف. عند تحديد Off (إيقاف)، يتم إلغاء تنشيط نظام مراقبة النقاط الخفية (BSM). لتغيير حالة Blind Spot Alert (تنبيه النقاط الخفية)، اضغط على الزر "Off" (إيقاف) أو "Lights" (المصابيح) أو "Lights & Chime" (المصابيح والصافرة) على شاشة اللمس. ثم اضغط على زر سهم للخلف على شاشة اللمس.

ملاحظة: في حالة حدوث تلف بسيارتك في منطقة المستشعر، حتى في حالة عدم تلف الواجهة، قد يكون هناك خطأ في محاذاة المستشعر. توجه بسيارتك إلى وكيل معتمد للتأكد من صحة محاذاة المستشعر. قد يؤدي وجود خطأ بمحاذاة المستشعر إلى عدم عمل نظام مراقبة النقاط الخفية (BSM) طبقًا للمواصفات.

• **الإرشادات النشطة لكاميرا الرجوع الخلفية ®ParkView - إذا كانت السيارة مزودة بذلك**

عند تمكين هذه الميزة، تتراكب خطوط الشبكة النشطة (الديناميكية) على صورة كاميرا الرجوع إلى الخلف الخلفية لتوضح عرض السيارة ومسار الرجوع للخلف اعتمادًا على وضع عجلة القيادة. يشير تراكب الخط الأوسط المتقطع إلى مركز السيارة للمساعدة باستخدام التوقف أو المحاذاة مع بقضيب ربط/المستقبل.

• **الإرشادات الثابتة لكاميرا الرجوع الخلفية ®ParkView - إذا كانت السيارة مزودة بذلك**

عند تمكين هذه الميزة، تتراكب خطوط الشبكة الثابتة (الساكنة) على صورة كاميرا الرجوع إلى الخلف الخلفية لتوضح عرض السيارة.

• **تأخير كاميرا الرجوع الخلفية ®ParkView**

عند تمكين هذه الميزة، سوف يسمح ذلك بأن تظل شاشة كاميرا الرجوع الخلفية ®ParkView قيد التشغيل أثناء القيادة لمدة تصل إلى 10 ثوان أو 8 أميال/الساعة (13 كم/ساعة).

لمزيد من المعلومات، راجع "تحذير ميزة LaneSense (استشعار الحارة)(LDW)" في "فهم مزايا سيارتك".

- **قوة ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، فإنها تقوم بضبط قوة ملاحظات عجلة القيادة حول احتمالية مغادرة الحارة. يمكن استخدام مقدار العزم التوجيهي لنظام التوجيه على عجلة القيادة لتصحيح السيارة، كما يمكن ضبط مغادرة الحارة على "Low" (منخفض) و"Medium" (متوسط) و"High" (عالٍ).

لمزيد من المعلومات، راجع "نظام تحذير مغادرة الحارة (LDW)" في "فهم مزايا سيارتك".

- **نظام ®ParkSense - إذا كانت السيارة مزودة بذلك**

سيقوم نظام مساعد التوقف الخلفي بالبحث عن جميع الأجسام الموجودة خلف السيارة عندما يكون ذراع النقل في وضع REVERSE (الرجوع للخلف) وسرعة السيارة أقل من 18 كم/ساعة (11 ميلاً/ساعة). يتم تمكين النظام مع الخيار Sound Only (الصوت فقط) أو Sound and Display (الصوت والعرض). لتغيير حالة Park Assist (مساعد التوقف)، اضغط على الزر "Sound" (الصوت) أو Sound and Display (الصوت والعرض) وحرره. ثم اضغط على زر سهم للخلف على شاشة اللمس.

راجع "مساعد التوقف الخلفي ®ParkSense" في القسم "فهم مزايا سيارتك" للاطلاع على وظيفة النظام ومعلومات التشغيل.

- **مستوى صوت نظام ®ParkSense الأمامي - إذا كانت السيارة مزودة بذلك**

يمكن تحديد إعدادات مستوى صوت صافرة مساعد التوقف الأمامي من مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) أو من نظام ®Uconnect (إذا كانت السيارة مزودة بذلك). تشمل إعدادات مستوى صوت الصافرة: "LOW" (منخفض) و"MEDIUM" (متوسط) "HIGH" (عالٍ). إعداد مستوى الصوت الافتراضي للمصنع هو "MEDIUM" (متوسط).

- **مستوى صوت نظام ®ParkSense الخلفي - إذا كانت السيارة مزودة بذلك**

يمكن تحديد إعدادات مستوى صوت صافرة مساعد التوقف الخلفي من مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID) أو من نظام ®Uconnect (إذا كانت السيارة مزودة بذلك). تشمل إعدادات مستوى صوت الصافرة: "LOW" (منخفض) و"MEDIUM" (متوسط) "HIGH" (عالٍ). إعداد مستوى الصوت الافتراضي للمصنع هو "MEDIUM" (متوسط).

- **نظام مساعد التوقف الخلفي ®ParkSense - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، سوف يقوم نظام مساعد التوقف باكتشاف الأجسام الموجودة خلف السيارة واستخدام الفرامل المستقلة لإيقاف السيارة.

راجع "مساعد التوقف الخلفي ®ParkSense" في القسم "فهم مزايا سيارتك" للاطلاع على وظيفة النظام ومعلومات التشغيل.

• **تنسيق الوقت**

تسمح لك هذه الميزة بتحديد إعداد عرض تنسيق الوقت. اضغط على زر "Time Format" (تنسيق الوقت) على شاشة اللمس حتى تظهر علامة اختيار بجوار الإعداد 12 ساعة أو 24 ساعة تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **عرض الوقت في شريط الحالة – إذا كانت السيارة مزودة بذلك**

تتيح لك هذه الميزة تشغيل الساعة الرقمية في شريط الحالة أو إيقاف تشغيلها. لتغيير إعداد Show Time Status (عرض حالة الوقت)، اضغط على "Show Time in Status Bar" (عرض الوقت في شريط الحالة) حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

السلامة والمساعدة في القيادة

بعد الضغط على زر "Safety & Driving Assistance" (السلامة والمساعدة في القيادة) على شاشة اللمس تكون الإعدادات التالية متاحة:

• **تحذير التصادم الأمامي (FCW) — إذا كانت السيارة مزودة بذلك**

يمكن ضبط ميزة تحذير التصادم الأمامي (FCW) على Far (بعيد) أو Near (قريب). والحالة الافتراضية لميزة تحذير التصادم الأمامي (FCW) هي إعداد Far (بعيد). ويعني ذلك أن النظام سيحذرك من تصادم محتمل مع السيارة التي أمامك عندما تكون على مسافة أبعد. ويمنحك ذلك أطول وقت ممكن للقيام برد الفعل. لتغيير الإعداد للحصول على تجربة قيادة أكثر ديناميكية، حدد الإعداد Near (قريب). ويعمل هذا عل تحذيرك من التصادم المحتمل عندما تكون أقرب إلى سيارة أمامك. لتغيير حالة تحذير التصادم الأمامي (FCW)، اضغط على الزر "Near" (قريب) أو "Far" (بعيد) وحرره. ثم اضغط على زر سهم للخلف على شاشة اللمس.

راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC)" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

• **تحذير التصادم الأمامي (FCW) - الفرامل النشطة - إذا كانت السيارة مزودة بذلك**

يشتمل نظام تحذير التصادم الأمامي (FCW) على مساعد الفرامل المتقدم (ABA). عند تحديد هذه الميزة، يتم استخدام الفرامل في إبطاء السيارة في حالة احتمال حدوث تصادم أمامي. يقوم مساعد الفرامل المتقدم (ABA) باستخدام ضغط الفرامل الإضافية عندما يطلب السائق ضغط فرامل غير كافٍ لتفادي تصادم أمامي محتمل. يصبح نظام مساعد الفرامل المتقدم (ABA) نشطًا عند قطع مسافة 8 كم/ساعة (5 أميال/الساعة).

للتعرف على مزيد من المعلومات، راجع "تحذير التصادم الأمامي (FCW) مع نظام التخفيف" في "فهم مزايا سيارتك".

• **تحذير ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، فإنها تقوم بضبط المسافة التي تقوم عندها عجلة القيادة بتوفير ملاحظات حول احتمالية مغادرة الحارة. يمكن ضبط حساسية نظام تحذير مغادرة الحارة (LDW) لتقديم إما نقطة بدء منطقة التحذير بصورة "مبكرة" أو "متوسطة" أو "متأخرة".

• **مسار الملاحة مع عرض انعطاف تلو الآخر في مجموعة أجهزة القياس - إذا كانت السيارة مزودة بذلك**

عند اختيار هذه الميزة، ولإجراء التحديد، اضغط على زر "Navigation Turn-By-Turn Displayed In Cluster" (مسار الملاحة مع كل انعطاف في مجموعة أجهزة القياس) في شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الصوت

بعد الضغط على زر "Audio" (الصوت) على شاشة اللمس تكون الإعدادات التالية متاحة:

• **طول الاستجابة الصوتية**

عند التواجد في هذه الشاشة، يمكنك تغيير إعدادات Voice Response Length (طول الاستجابة الصوتية). لتغيير Voice Response Length (طول الاستجابة الصوتية)، اضغط على زر "Brief" (قصير) أو "Detailed" (مفصل) حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **قائمة عرض الأوامر**

عند التواجد في هذه الشاشة، يمكنك اختيار Always, With Help (دومًا مع تعليمات) أو Never (مطلقًا) لعرض شاشة القراءة مع الخيارات الممكنة أثناء التواجد في جلسة صوت. لتغيير إعدادات Show Command List (قائمة عرض الأوامر)، اضغط على زر "Always" (دائمًا) أو "With Help" (مع التعليمات) أو "Never" (مطلقًا) على شاشة اللمس حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الساعة

بعد الضغط على زر "Clock" (الساعة) على شاشة اللمس تكون الإعدادات التالية متاحة:

• **مزامنة الوقت مع نظام تحديد المواقع العالمي (GPS)**

تسمح هذه الميزة للراديو بمزامنة الوقت مع إشارة نظام تحديد المواقع العالمي (GPS). لتغيير إعداد Sync Time (مزامنة الوقت)، اضغط على زر "Sync with GPS Time" (المزامنة مع توقيت نظام تحديد المواقع العالمي) على شاشة اللمس، حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **ضبط ساعات الوقت**

تسمح هذه الميزة لك بضبط الساعات. يجب ألا تتم إزالة علامة الاختيار من زر "Sync with GPS Time" (المزامنة مع وقت نظام تحديد المواقع العالمي) على شاشة اللمس. لإجراء التحديد، اضغط على زري " +" أو " -" على شاشة اللمس لضبط الساعات لأعلى أو لأسفل. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **ضبط دقائق الوقت**

تسمح هذه الميزة لك بضبط الدقائق. يجب ألا تتم إزالة علامة الاختيار من زر "Sync with GPS Time" (المزامنة مع وقت نظام تحديد المواقع العالمي) على شاشة اللمس. لإجراء التحديد، اضغط على زري "+" أو "-" على شاشة اللمس لضبط الدقائق لأعلى أو لأسفل. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **سطوع شاشة العرض مع إيقاف تشغيل المصابيح الأمامية**

عند التواجد في هذه الشاشة، يمكنك تحديد سطوع شاشة العرض مع إيقاف تشغيل المصابيح الأمامية. اضبط السطوع باستخدام زري الإعداد " +" أو " -" على شاشة اللمس أو من خلال تحديد أي نقطة على المقياس بين زري " +" و" -" على شاشة اللمس. ثم اضغط على زر سهم للخلف على شاشة اللمس.

ملاحظة: لإجراء تغييرات على إعداد "سطوع شاشة العرض مع إيقاف تشغيل المصابيح الأمامية"، يجب أن تكون المصابيح الأمامية مطفأة وألا يكون على مفتاح تعتيم المصابيح الداخلية في وضعي "الحفلة" أو "الاستعراض".

• **ضبط السمة**

تسمح لك هذه الميزة باختيار سمة خلفية لشاشة العرض. سوف تعمل السمة على تغيير لون الخلفية ولون التظليل ولون زر شاشة العرض.

• **تعيين اللغة**

عند التواجد في هذه الشاشة، يمكنك تحديد إحدى اللغات المتعددة (Brasileiro (البرازيلية) / Deutsche (الألمانية) / English (الإنجليزية) / Español (الإسبانية) / Français (الفرنسية) / Italiano (الإيطالية) / Nederlands (الهولندية) / Polski (البولندية) / Português (البرتغالية) / Türk (التركية)) لإظهار جميع مصطلحات شاشة العرض بها، بما في ذلك وظائف الرحلة ونظام الملاحة (إذا كانت السيارة مزودة بذلك). اضغط على زر "Set Language" (ضبط اللغة) على شاشة اللمس، ثم اضغط على زر اللغة المطلوبة على شاشة اللمس. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **الوحدات**

عند التواجد في هذه الشاشة، يمكنك تحديد التغيير بين عرض وحدات القياس بالنظام المتري أو وحدات القياس الأمريكية في شاشة عرض معلومات السائق (DID) وعداد المسافة ونظام الملاحة (إذا كانت السيارة مزودة بذلك). اضغط على "US" (النظام الأمريكي) أو "Metric" (النظام المتري) حتى تظهر علامة اختيار بجوار الإعداد، تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **صافرة شاشة اللمس**

عند التواجد في هذه الشاشة، يمكنك تشغيل الصوت المسموع أو إيقاف تشغيله عند الضغط على أحد الأزرار بشاشة اللمس. اضغط على زر "Touchscreen Beep (صافرة شاشة اللمس) على شاشة اللمس حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **انتهاء مهلة شاشة مفاتيح التحكم**

عند التواجد في هذه الشاشة، يمكنك تشغيل القدرة انتهاء مهلة شاشة مفاتيح التحكم أو إيقاف تشغيلها. اضغط على زر "Controls Screen Time-Out" (انتهاء مهلة شاشة مفاتيح التحكم) على شاشة اللمس حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الميزات القابلة للبرمجة بواسطة العميل - الإعدادات الشخصية لنظام Uconnect® 8.4

اضغط على زر "Settings" (الإعدادات) أو "Controls" (مفاتيح التحكم) على شاشة اللمس، ثم اضغط على زر "Settings" (الإعدادات) على شاشة اللمس لعرض شاشة إعداد القائمة. في هذا الوضع، يتيح لك نظام Uconnect® الوصول إلى الميزات القابلة للبرمجة التي قد تكون مزودة مثل Display (شاشة العرض) وVoice (الصوت) وClock (الساعة) وSafety & Driving Assistance (السلامة والمساعدة في القيادة) وLights (المصابيح) و Doors & Locks (الأبواب والأقفال) و Auto-On Comfort (ميزة التشغيل التلقائي عند الراحة) وEngine Off Operation (إيقاف تشغيل المحرك) وAudio (الصوت) وPhone/Bluetooth® (الهاتف/Bluetooth®) وRestore Settings (استعادة الإعدادات) وClear Personal Data (مسح البيانات الشخصية) وSystem Information (معلومات النظام).

ملاحظة: يمكن تحديد فئة واحدة فقط في المرة الواحدة.

لضبط إعداد ميزة قابلة للبرمجة، اضغط على خيار الإعداد المطلوب. بمجرد التواجد في خيار الإعداد المطلوب، اضغط على الإعداد المفضل وحرره حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد.

بمجرد اكتمال الإعداد، اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة أو اضغط على الزر "X" على شاشة اللمس لإغلاق شاشة الإعدادات. يتيح لك الضغط على زر سهم لأعلى أو زر سهم لأسفل على الجانب الأيمن من الشاشة التنقل لأعلى أو لأسفل عبر قائمة الإعدادات المتاحة.

شاشة العرض

بعد الضغط على زر "Display" (شاشة العرض) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **وضع شاشة العرض**

عند التواجد في هذه الشاشة حدد أحد إعدادات العرض التلقائي. لتغيير حالة Mode (الوضع)، حدد من بين "Day" (اليوم) أو "Night" (الليل) أو "AUTO" (تلقائي) حتى تظهر علامة اختيار بجوار الإعداد تشير إلى أنه قد تم اختيار الإعداد. ثم اضغط على زر سهم للخلف على شاشة اللمس.

ملاحظة: عند تحديد وضع Day (اليوم) أو Night (الليل) لوضع شاشة العرض، سوف يؤدي استخدام ميزة وضع الاستعراض إلى تنشيط الراديو لميزة التحكم في Display Brightness Day (سطوع اليوم لشاشة العرض) على الرغم من إضاءة المصابيح الأمامية.

- **سطوع شاشة العرض مع تشغيل المصابيح الأمامية**

عند التواجد في هذه الشاشة، يمكنك تحديد سطوع شاشة العرض مع تشغيل المصابيح الأمامية. اضبط السطوع باستخدام زري الإعداد " +" أو " -" على شاشة اللمس أو من خلال تحديد أي نقطة على المقياس بين زري " +" و " -" على شاشة اللمس. ثم اضغط على زر سهم للخلف على شاشة اللمس.

ملاحظة: لإجراء تغييرات على إعداد "سطوع شاشة العرض مع تشغيل المصابيح الأمامية"، يجب أن تكون المصابيح الأمامية مضاءة وألا يكون على مفتاح تعتيم المصابيح الداخلية في وضعي "الحفلة" أو "الاستعراض".

- **علو الصوت — إذا كانت السيارة مزودة بذلك**

تقوم هذه الميزة على تحسين جودة الصوت عند مستويات الصوت المنخفضة. لإجراء التحديد، اضغط على زر "Loudness" (علو الصوت) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف/زر Done (تم) على شاشة اللمس للرجوع إلى القائمة السابقة.

الهاتف/®Bluetooth

بعد الضغط على زر "Phone/Bluetooth®" (الهاتف/®Bluetooth) على شاشة اللمس تكون الإعدادات التالية متاحة:

- **الهواتف المقترنة**

تعرض هذه الميزة أي الهواتف مقترنة بنظام Phone/Bluetooth® (الهاتف/®Bluetooth). لمزيد من المعلومات، راجع دليل ملحق نظام Uconnect®.

- **المصادر الصوتية المقترنة**

تعرض هذه الميزة أجهزة الصوت المقترنة بنظام Phone/Bluetooth® (الهاتف/®Bluetooth). لمزيد من المعلومات، راجع دليل ملحق نظام Uconnect®.

استعادة الإعدادات

بعد الضغط على زر "Restore Settings" (استعادة الإعدادات) على شاشة اللمس تكون الإعدادات التالية متاحة:

- **استعادة الإعدادات**

عندما يتم تحديد هذه الميزة، سوف تستعيد إعدادات Display (شاشة العرض) وClock (الساعة) وAudio (الصوت) وRadio (الراديو) إلى إعداداتها الافتراضية. لاستعادة الإعدادات إلى الإعداد الافتراضي، اضغط على زر Restore Settings (استعادة الإعدادات). سوف تظهر نافذة منبثقة تسأل "Are you sure you want to reset your settings to default?" (هل تريد بالتأكيد إعادة ضبط الإعدادات إلى الإعدادات الافتراضية؟)، حدد "Yes" (نعم) لتتم الاستعادة أو "Cancel" (إلغاء) للخروج. بمجرد استعادة الإعدادات، تظهر رسالة منبثقة تفيد أنه "settings reset to default" (تمت استعادة الإعدادات إلى الوضع الافتراضي). اضغط على زر سهم للخلف على شاشة اللمس للخروج.

مسح البيانات الشخصية

بعد الضغط على زر "Clear Personal Data Settings" (إعدادات مسح البيانات الشخصية) على شاشة اللمس تكون الإعدادات التالية متاحة:

- **مسح البيانات الشخصية**

عندما يتم تحديد هذه الميزة، سيتم إزالة البيانات الشخصية بما في ذلك أجهزة ®Bluetooth ومفاتيح الضبط المسبق. لإزالة المعلومات الشخصية، اضغط على زر "Clear Personal Data" (مسح البيانات الشخصية)، وسوف تظهر نافذة منبثقة تسألك "Are you sure you want to clear all personal data?" (هل أنت متأكد من رغبتك في مسح جميع البيانات الشخصية؟) حدد "Yes" (نعم) للمسح أو "Cancel" (إلغاء) للخروج. بمجرد مسح البيانات، تظهر رسالة منبثقة "Personal data cleared" (تم مسح البيانات الشخصية). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **تنفيذ عملية معايرة البوصلة**

اضغط على زر "Calibration" (المعايرة) على شاشة اللمس لتغيير هذا الإعداد. تتميز البوصلة بالمعايرة الذاتية مما يغني عن الحاجة إلى إعادة ضبطها يدويًا. عندما تكون السيارة جديدة، قد تظهر البوصلة في حالة اضطراب وقد تحتاج إلى المعايرة. يمكنك معايرة البوصلة بتحديد زر "Calibration" (المعايرة) على شاشة اللمس وسوف تظهر قائمة منبثقة تطالبك بإنهاء عملية المعايرة عن طريق إكمال دورة أو أكثر بزاوية 360 درجة (في منطقة خالية من المواد المعدنية الضخمة أو الأجسام المعدنية). بمجرد اكتمال عملية المعايرة بنجاح، سوف تظهر رسالة على الشاشة توضح أن الأمر قد تم بنجاح. سوف تعمل البوصلة بشكل طبيعي بعد ذلك.

الصوت

بعد الضغط على زر "Audio" (الصوت) على شاشة اللمس تكون الإعدادات التالية متاحة:

• **المعادل**

عند التواجد في هذه الشاشة يمكنك ضبط إعدادات Bass (الجهير) وMid (المتوسط) وTreble (الصوت العالي). اضبط الإعدادات باستخدام زري "+" أو "-" على شاشة اللمس أو من خلال تحديد أي نقطة على المقياس بين زري "+" و" -" على شاشة اللمس. اضغط على زر سهم للخلف/زر Done (تم) على شاشة اللمس للرجوع إلى القائمة السابقة.

• **التوازن/الخفت**

تتيح لك هذه الميزة ضبط إعدادات Balance (التوازن) وFade (الخفت). اضغط واسحب رمز مكبر الصوت أو استخدم الأسهم للضبط أو اضغط على رمز "C" لإعادة الضبط إلى المركز. اضغط على زر سهم للخلف/زر Done (تم) على شاشة اللمس للرجوع إلى القائمة السابقة.

• **مستوى الصوت المعدل بالسرعة**

تزيد هذه الميزة مستوى الصوت أو تخفضه حسب سرعة السيارة. لتغيير Speed Adjusted Volume (مستوى الصوت المعدل بالسرعة)، اضغط على زر "Speed Adjusted Volume" (مستوى الصوت المعدل بالسرعة) الموجود على شاشة اللمس وحدد من بين أزرار "Off" (إيقاف التشغيل) أو "1" أو "2" أو "3" على شاشة اللمس. اضغط على زر سهم للخلف/زر Done (تم) على شاشة اللمس للرجوع إلى القائمة السابقة.

• **الصوت المحيطي — إذا كانت السيارة مزودة بذلك**

توفر هذه الميزة وضع محاكاة صوت محيطي. لإجراء التحديد، اضغط على زر "Surround Sound" (الصوت المحيطي) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف/زر Done (تم) على شاشة اللمس للرجوع إلى القائمة السابقة.

• **إزاحة مستوى صوت الجهاز الإضافي - إذا كانت السيارة مزودة بذلك**

تعمل هذه الميزة على توفير القدرة على توليف مستوى الصوت للأجهزة المحمولة المتصلة من خلال إدخال AUX (الجهاز الإضافي). لإجراء التحديد، اضغط على زر "AUX Volume Offset" (إزاحة مستوى صوت الجهاز الإضافي) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف/زر Done (تم) على شاشة اللمس للرجوع إلى القائمة السابقة.

خيارات إيقاف تشغيل المحرك

بعد الضغط على زر "Engine Off Options" (خيارات إيقاف تشغيل المحرك) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **مقاعد الخروج السهل — إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، يتحرك مقعد السائق أوتوماتيكيًا للخلف بمجرد إيقاف تشغيل المحرك. لإجراء التحديد، اضغط على زر "Easy Exit Seats" (مقاعد الخروج السهل) على شاشة اللمس، ثم بإجراء التحديد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **تأخير إيقاف طاقة المحرك**

عند تحديد هذه الميزة، تبقى مفاتيح النوافذ العاملة بالطاقة والراديو ونظام Uconnect® phone (إذا كانت السيارة مزودة بذلك) ونظام فيديو DVD (إذا كانت السيارة مزودة بذلك) والسقف المتحرك العامل بالطاقة (إذا كانت السيارة مزودة بذلك) ومآخذ تزويد الطاقة نشطة لمدة تصل إلى 10 دقائق بعد ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة. لتغيير حالة Engine Off Power Delay (تأخير إيقاف طاقة المحرك) اضغط على زر 0 ثانية أو 45 ثانية أو 5 دقائق أو 10 دقائق على شاشة اللمس. ثم اضغط على زر سهم للخلف على شاشة اللمس.

- **تأخير إطفاء المصابيح الأمامية**

عند تحديد هذه الميزة يكون بإمكان السائق اختيار بقاء المصابيح الأمامية مشغلة لمدة 0 أو 30 أو 60 أو 90 ثانية بعد الخروج من السيارة. لتغيير حالة Headlight Off Delay (تأخير إطفاء المصابيح الأمامية)، اضغط على الرز "+" أو "-" على شاشة اللمس لتحديد الفاصل الزمني. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

إعداد البوصلة – إذا كانت السيارة مزودة بذلك

بعد الضغط على زر "Compass Settings" (إعدادات البوصلة) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **التباين**

تباين البوصلة هو الفرق بين الشمال المغناطيسي والشمال الجغرافي. لتعويض هذا الفرق، يجب ضبط التباين للمنطقة التي تسير بها السيارة، وذلك لكل خريطة منطقة. بمجرد ضبط ذلك بشكل صحيح، ستقوم البوصلة أوتوماتيكيًا بتعويض الفارق وتقديم قراءة دقيقة.

ملاحظة: أبق الأجسام المغناطيسية، مثل أجهزة iPod والهواتف المحمولة وأجهزة الكمبيوتر المحمولة وأجهزة كشف الرادار، بعيدة عن أعلى لوحة أجهزة القياس. وذلك حيث توجد البوصلة، وقد تسبب التشويش على مستشعر البوصلة، مما يؤدي إلى قراءات خاطئة.

خريطة تباين البوصلة

ملاحظة: نظام الدخول غير النشط - إذا كانت السيارة مزودة بذلك. في حالة تحديد "All" (الكل)، يتم إلغاء قفل جميع الأبواب بغض النظر عن أي مقبض باب الدخول غير النشط قد تم مسكه. إذا تم تحديد "Driver" (السائق)، فسيتم إلغاء قفل باب السائق فقط عند مسك مقبض باب السائق.

- **الدخول غير النشط**

تتيح لك هذه الميزة قفل أبواب السيارة وإلغاء قفلها دون الحاجة إلى الضغط على أزرار القفل أو إلغاء القفل بجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE). لإجراء التحديد، اضغط على زر "Passive Entry" (الدخول غير النشط) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف للرجوع إلى القائمة السابقة. راجع "ميزة الدخول دون مفتاح Keyless Enter-N-Go™" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" للتعرف على مزيد من المعلومات.

- **الذاكرة المرتبطة بحافظة المفاتيح — إذا كانت السيارة مزودة بذلك**

توفر هذه الميزة أوضاع مقعد سائق أوتوماتيكية لتسهيل حرية حركة السائق عند الدخول والخروج من السيارة. لإجراء التحديد، المس المفتاح البرمجي "Memory Linked to Fob" (الذاكرة المرتبطة بحافظة المفاتيح) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

ملاحظة: يعود المقعد إلى موقع المقعد المحفوظ في الذاكرة في حالة ضبط "Memory Linked to Fob" (الذاكرة المرتبطة بحافظة المفاتيح) على ON (التشغيل) عند استخدام جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح لإلغاء قفل الباب. راجع "المقعد المضبوط في الذاكرة للسائق" ضمن قسم "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

- **تنبيه باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك**

تصدر هذه الميزة تنبيهًا عندما يتم رفع باب المؤخرة العامل بالطاقة أو خفضه. لإجراء التحديد، اضغط على زر "Power Lift Gate Alert" (تنبيه باب المؤخرة العامل بالطاقة) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

أنظمة الراحة التلقائية - إذا كانت السيارة مزودة بذلك

بعد الضغط على زر "Auto-On Comfort & Remote Start" (التشغيل التلقائي عند الراحة والتشغيل عن بُعد) على شاشة اللمس تكون الإعدادات التالية متاحة:

- **مقعد السائق المسخن/المزود بالتهوية وعجلة القيادة المسخنة/المزودة بالتهوية أوتوماتيكيًا عند تشغيل السيارة — إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، سيتم تشغيل المقعد المسخن للسائق وعجلة القيادة المسخنة تلقائيًا عندما تكون درجات الحرارة أقل من 40 درجة فهرنهايت (4.4 درجات مئوية). عندما تكون درجات الحرارة أعلى من 80 درجة فهرنهايت (26.7 درجة مئوية) يتم تشغيل مقعد السائق المزود بفتحات تهوية. لإجراء التحديد، اضغط على زر "Auto Heated Seats" (المقاعد المسخنة الأوتوماتيكية) على شاشة اللمس، ثم حدد "Off" (إيقاف) أو "Remote Start" (بدء التشغيل عن بُعد) أو "All Starts" (جميع عمليات بدء التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **أضواء النهار - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، سيتم تشغيل المصابيح الأمامية كلما تم تشغيل المحرك. لإجراء التحديد، اضغط على زر "Daytime Running Lights" (أضواء النهار) على شاشة اللمس، ثم قم بإجراء التحديد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **وميض الأضواء عند القفل**

عند تحديد هذه الميزة، تومض المصابيح الأمامية عند قفل الأبواب أو فتحها باستخدام جهاز إرسال نظم فتح الأبواب عن بُعد بدون مفاتيح (RKE). يمكن اختيار هذه الميزة مع أو دون اختيار ميزة إطلاق صوت الإنذار عند القفل. لإجراء التحديد، اضغط على زر "Flash Headlights w/Lock" (وميض المصابيح الأمامية عند القفل) على شاشة اللمس، ثم قم بإجراء التحديد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الأبواب والأقفال

بعد الضغط على زر "Doors & Locks" (الأبواب والأقفال) على شاشة اللمس تكون الإعدادات التالية متاحة.

• **أقفال الأبواب الأوتوماتيكية**

عند اختيار هذه الميزة، يتم قفل جميع الأبواب أوتوماتيكيًا عند وصول السيارة لسرعة 24 كم/ساعة (15 ميلاً/ساعة). لإجراء التحديد، اضغط على زر "Auto Door Locks" (أقفال الأبواب الأوتوماتيكية) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **إلغاء القفل الأوتوماتيكي عند الخروج**

عند اختيار هذه الميزة، يتم فتح جميع الأبواب عند توقف السيارة ووجود ناقل الحركة في وضع PARK (التوقف) أو وضع NEUTRAL (اللاتعشيق) مع فتح باب السائق. لإجراء التحديد، اضغط على زر "Auto Unlock On Exit" (إلغاء القفل الأوتوماتيكي عند الخروج) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **وميض الأضواء مع القفل**

عند تحديد هذه الميزة، تومض المصابيح الخارجية عند قفل الأبواب أو إلغاء قفلها باستخدام جهاز إرسال نظم فتح الأبواب عن بُعد بدون مفاتيح (RKE) أو ميزة الدخول غير النشط. لإجراء التحديد، اضغط على زر "Flash Lights w/Lock" (وميض الأضواء مع القفل) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **صوت آلة التنبيه مع القفل**

عند تحديد هذه الميزة، تصدر آلة التنبيه صوتًا عند الضغط على زر قفل حافظة المفاتيح. لإجراء التحديد، اضغط على زر "Sound Horn With Lock" (صوت آلة التنبيه مع القفل) على شاشة اللمس، وحدد "Off" (إيقاف التشغيل) أو "1st Press" (الضغطة الأولى) أو "2nd Press" (الضغطة الثانية). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **إلغاء قفل الأبواب عن بُعد**

عندما يتم تحديد "Remote Door Unlock" (إلغاء قفل الأبواب عن بُعد)، يمكنك الاختيار من بين "Driver" (السائق) أو "All" (الكل). حدد "All" (الكل) لإلغاء قفل جميع الأبواب بالضغطة الأولى على حافظة المفاتيح. حدد "Driver" (السائق) لفتح باب السائق فقط بالضغطة الأولى على حافظة المفاتيح.

- **تأخير كاميرا الرجوع الخلفية ®ParkView**

عند تمكين هذه الميزة، سوف يسمح ذلك بأن تظل شاشة كاميرا الرجوع الخلفية ®ParkView قيد التشغيل أثناء القيادة لمدة تصل إلى 10 ثوان أو 8 أميال/الساعة (13 كم/ساعة).

- **ماسحات استشعار المطر الأوتوماتيكية**

عند اختيار هذه الميزة، ينشط النظام ماسحات الزجاج الأمامي أوتوماتيكيًا إذا استشعر وجود ماء على الزجاج الأمامي. لإجراء التحديد، اضغط على زر "Rain Sensing" (استشعار المطر) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **وضع الخدمة بفرامل التوقف الكهربية**

توفر هذه الميزة وسيلة للفني أو مالك السيارة لاستخدام نظام القيادة بالقائمة المدمجة بالسيارة للسيطرة على رد فعل فرامل التوقف الكهربية من أجل صيانة الفرامل الخلفية (بطانات الفرامل أو الآليات الفكية أو الأجزاء الدوارة أو ما شابه).

للحصول على مزيد من المعلومات، راجع "فرامل التوقف الكهربية (EPD)" في قسم "البدء والتشغيل".

المصابيح

بعد الضغط على زر "Lights" (المصابيح) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **تأخير إطفاء المصابيح الأمامية**

عندما يتم تحديد هذه الميزة، فإنها تتيح ضبط مقدار الوقت الذي تظل فيه المصابيح الأمامية قيد التشغيل بعد إيقاف تشغيل المحرك. لتغيير Headlights Off Delay (إعداد تأخير إطفاء المصابيح الأمامية)، اضغط على زر "Headlight Off Delay" (تأخير إطفاء المصابيح الأمامية) على شاشة اللمس واختر إما 0 ثانية أو 30 ثانية أو 60 ثانية أو 90 ثانية. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **إضاءة المصابيح الأمامية على الطريق**

عندما يتم تحديد هذه الميزة، فإنها تتيح ضبط مقدار الوقت الذي تظل فيه المصابيح الأمامية قيد التشغيل بعد إلغاء قفل الأبواب باستخدام جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE). لتغيير حالة أضواء الاقتراب، اضغط على زر "Illuminated Approach" (أضواء الاقتراب) واختر إما 0 ثانية أو 30 ثانية أو 60 ثانية أو 90 ثانية. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **المصابيح الأمامية مع الماسحات ـــ إذا كانت السيارة مزودة بذلك**

عند اختيار هذه الميزة ووجود مفتاح المصباح الأمامي في وضع AUTO (أوتوماتيكي)، تعمل المصابيح الأمامية لمدة 10 ثوان تقريبًا بعد تشغيل الماسحات. يتم إيقاف تشغيل المصابيح الأمامية أيضًا عند إيقاف تشغيل الماسحات إذا كان قد تم تشغيلها باستخدام هذه الميزة. لإجراء التحديد، اضغط على زر "Lights w/Wipers" (المصابيح الأمامية مع الماسحات) على شاشة اللمس، ثم قم بإجراء التحديد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

- **المصابيح الأوتوماتيكية عالية الضوء - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، يتم تنشيط/إلغاء تنشيط المصابيح الأمامية العالية أوتوماتيكيًا في أحوال معينة. لإجراء التحديد، اضغط على زر "Auto High Beams" (المصابيح الأوتوماتيكية عالية الضوء) على شاشة اللمس، ثم قم بإجراء التحديد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة. راجع "المصابيح/المصابيح الأوتوماتيكية عالية الضوء - إذا كانت السيارة مزودة بذلك" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

• **نظام مساعد التوقف الخلفي ®ParkSense - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، سوف يقوم نظام مساعد التوقف باكتشاف الأجسام الموجودة خلف السيارة واستخدام الفرامل المستقلة لإيقاف السيارة.

راجع "مساعد التوقف الخلفي ®ParkSense" في القسم "فهم مزايا سيارتك" للاطلاع على وظيفة النظام ومعلومات التشغيل.

• **إمالة المرايا عند الرجوع للخلف - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، تتم إمالة مرايا الرؤية الجانبية الخارجية لأسفل عندما يكون مفتاح التشغيل في وضع RUN (الانطلاق) وذراع ناقل الحركة في وضع REVERSE (الرجوع للخلف). تعود المرايا إلى أوضاعها السابقة عند نقل ناقل الحركة إلى خارج وضع REVERSE (الرجوع للخلف). لإجراء التحديد، اضغط على زر "Tilt Mirrors In Reverse" (إمالة المرايا عند الرجوع إلى الخلف) على شاشة اللمس، وحدد "On" (تشغيل) أو "Off" (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **تنبيه النقاط الخفية - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، يمكن ضبط ميزة Blind Spot Alert (تنبيه النقاط الخفية) على Off (إيقاف) أو Lights (المصابيح) أو Lights and Chime (المصابيح والصافرة). يمكن تنشيط ميزة تنبيه النقاط الخفية في وضع Lights (المصابيح). عند تحديد هذا الوضع يتم تنشيط نظام مراقبة النقاط الخفية (BSM) وسيعرض تنبيهًا مرئيًا فقط في المرايا الخارجية. في الوضع Lights & Chime (المصابيح والصافرة)، سيعرض نظام مراقبة النقاط الخفية (BSM) تنبيهًا مرئيًا في المرايا الخارجية بالإضافة إلى تنبيه صوتي عند تشغيل إشارة الانعطاف. عند تحديد Off (إيقاف)، يتم إلغاء تنشيط نظام مراقبة النقاط الخفية (BSM). لتغيير حالة Blind Spot Alert (تنبيه النقاط الخفية)، اضغط على الزر "Off" (إيقاف) أو "Lights" (المصابيح) أو "Lights & Chime" (المصابيح والصافرة) على شاشة اللمس. ثم اضغط على زر سهم للخلف على شاشة اللمس.

ملاحظة: في حالة حدوث تلف بسيارتك في منطقة المستشعر، حتى في حالة عدم تلف الواجهة، قد يكون هناك خطأ في محاذاة المستشعر. توجه بسيارتك إلى وكيل معتمد للتأكد من صحة محاذاة المستشعر. قد يؤدي وجود خطأ بمحاذاة المستشعر إلى عدم عمل نظام مراقبة النقاط الخفية (BSM) طبقًا للمواصفات.

• **الإرشادات النشطة لكاميرا الرجوع الخلفية ®ParkView - إذا كانت السيارة مزودة بذلك**

عند تمكين هذه الميزة، تتراكب خطوط الشبكة النشطة (الديناميكية) على صورة كاميرا الرجوع إلى الخلف الخلفية لتوضح عرض السيارة ومسار الرجوع للخلف اعتمادًا على وضع عجلة القيادة. يشير تراكب الخط الأوسط المتقطع إلى مركز السيارة للمساعدة باستخدام التوقف أو المحاذاة مع بقضيب ربط/المستقبل.

• **الإرشادات الثابتة لكاميرا الرجوع الخلفية ®ParkView - إذا كانت السيارة مزودة بذلك**

عند تمكين هذه الميزة، تتراكب خطوط الشبكة الثابتة (الساكنة) على صورة كاميرا الرجوع إلى الخلف الخلفية لتوضح عرض السيارة.

• **تحذير ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، فإنها تقوم بضبط المسافة التي تقوم عندها عجلة القيادة بتوفير ملاحظات حول احتمالية مغادرة الحارة. يمكن ضبط حساسية نظام تحذير مغادرة الحارة (LDW) لتقديم إما نقطة بدء منطقة التحذير بصورة "مبكرة" أو "متوسطة" أو "متأخرة".

لمزيد من المعلومات، راجع "تحذير ميزة LaneSense (استشعار الحارة)(LDW)" في "فهم مزايا سيارتك".

• **قوة ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك**

عند تحديد هذه الميزة، فإنها تقوم بضبط قوة ملاحظات عجلة القيادة حول احتمالية مغادرة الحارة. يمكن استخدام مقدار العزم التوجيهي لنظام التوجيه على عجلة القيادة لتصحيح السيارة، كما يمكن ضبط مغادرة الحارة على "Low" (منخفض) و"Medium" (متوسط) و"High" (عالٍ).

لمزيد من المعلومات، راجع "نظام تحذير مغادرة الحارة (LDW)" في "فهم مزايا سيارتك".

• **نظام ®ParkSense - إذا كانت السيارة مزودة بذلك**

سيقوم نظام مساعد التوقف الخلفي بالبحث عن جميع الأجسام الموجودة خلف السيارة عندما يكون ذراع النقل في وضع REVERSE (الرجوع للخلف) وسرعة السيارة أقل من 18 كم/ساعة (11 ميلاً/ساعة). يتم تمكين النظام مع الخيار Sound Only (الصوت فقط) أو Sound and Display (الصوت والعرض). لتغيير حالة Park Assist (مساعد التوقف)، اضغط على الزر "Sound" (الصوت) أو Sound and Display (الصوت والعرض) وحرره. ثم اضغط على زر سهم للخلف على شاشة اللمس.

راجع "مساعد التوقف الخلفي ®ParkSense" في القسم "فهم مزايا سيارتك" للاطلاع على وظيفة النظام ومعلومات التشغيل.

• **مستوى صوت نظام ®ParkSense الأمامي - إذا كانت السيارة مزودة بذلك**

يمكن تحديد إعدادات مستوى صوت صافرة مساعد التوقف الأمامي من مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) أو من نظام ®Uconnect (إذا كانت السيارة مزودة بذلك). تشمل إعدادات مستوى صوت الصافرة: "LOW" (منخفض) و"MEDIUM" (متوسط) "HIGH" (عالٍ). إعداد مستوى الصوت الافتراضي للمصنع هو "MEDIUM" (متوسط).

• **مستوى صوت نظام ®ParkSense الخلفي - إذا كانت السيارة مزودة بذلك**

يمكن تحديد إعدادات مستوى صوت صافرة مساعد التوقف الخلفي من مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) أو من نظام ®Uconnect (إذا كانت السيارة مزودة بذلك). تشمل إعدادات مستوى صوت الصافرة: "LOW" (منخفض) و"MEDIUM" (متوسط) "HIGH" (عالٍ). إعداد مستوى الصوت الافتراضي للمصنع هو "MEDIUM" (متوسط).

• **قائمة عرض الأوامر**

عند التواجد في هذه الشاشة، يمكنك تغيير إعدادات "Show Command List" (قائمة عرض الأوامر). تغيير إعدادات Show Command List (قائمة عرض الأوامر)، اضغط على زر "Show Command List" (قائمة عرض الأوامر) على شاشة اللمس وحدد من بين Always (دائمًا) أو "With Help" (مع التعليمات) أو Never (مطلقًا). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الساعة والتاريخ

بعد الضغط على زر "Clock & Date" (الساعة والتاريخ) على شاشة اللمس تكون الإعدادات التالية متاحة:

• **ضبط الوقت**

عند التواجد في هذه الشاشة، يمكنك ضبط الوقت والتنسيق يدويًا. اضغط على زر "Set Time" (ضبط الوقت) ثم اختر تنسيق 12 ساعة أو 24 ساعة. اضغط على السهم المناظر أعلى وأسفل الوقت الحالي للضبط، ثم حدد "AM" (صباحًا) أو "PM" (مساءًا). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **ضبط التاريخ**

عند التواجد في هذه الشاشة، يمكنك ضبط التاريخ يدويًا. اضغط على زر "Set Date" (ضبط التاريخ)، ثم اضغط على الأسهم المناظرة أعلى وأسفل التاريخ الحالي للقيام بالضبط. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

السلامة والمساعدة في القيادة

بعد الضغط على زر "Safety & Driving Assistance" (السلامة والمساعدة في القيادة) على شاشة اللمس تكون الإعدادات التالية متاحة:

• **تحذير التصادم الأمامي (FCW) — إذا كانت السيارة مزودة بذلك**

يمكن ضبط ميزة تحذير التصادم الأمامي (FCW) على Far (بعيد) أو Near (قريب). والحالة الافتراضية لميزة تحذير التصادم الأمامي (FCW) هي إعداد Far (بعيد). ويعني ذلك أن النظام سيحذرك من تصادم محتمل مع السيارة التي أمامك عندما تكون على مسافة أبعد. ويمنحك ذلك أطول وقت ممكن للقيام برد الفعل. لتغيير الإعداد للحصول على تجربة قيادة أكثر ديناميكية، حدد الإعداد Near (قريب). ويعمل هذا عل تحذيرك من التصادم المحتمل عندما تكون أقرب إلى سيارة أمامك. لتغيير حالة تحذير التصادم الأمامي (FCW)، اضغط على الزر "Near" (قريب) أو "Far" (بعيد) وحرره. ثم اضغط على زر سهم للخلف على شاشة اللمس.

راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC)" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

• **تحذير التصادم الأمامي (FCW) - الفرامل النشطة - إذا كانت السيارة مزودة بذلك**

يشتمل نظام تحذير التصادم الأمامي (FCW) على مساعد الفرامل المتقدم (ABA). عند تحديد هذه الميزة، يتم استخدام الفرامل في إبطاء السيارة في حالة احتمال حدوث تصادم أمامي. يقوم مساعد الفرامل المتقدم (ABA) باستخدام ضغط الفرامل الإضافية عندما يطلب السائق ضغط فرامل غير كافٍ لتفادي تصادم أمامي محتمل. يصبح نظام مساعد الفرامل المتقدم (ABA) نشطًا عند قطع مسافة 8 كم/ساعة (5 أميال/الساعة).

للتعرف على مزيد من المعلومات، راجع "تحذير التصادم الأمامي (FCW) مع نظام التخفيف" في "فهم مزايا سيارتك".

• **سطوع شاشة العرض مع إيقاف تشغيل المصابيح الأمامية**

عند التواجد في هذه الشاشة، يمكنك تحديد سطوع الشاشة الكلي مع إيقاف تشغيل المصابيح الأمامية. اضبط السطوع باستخدام زري الإعداد " +" أو " -" على شاشة اللمس أو من خلال تحديد أي نقطة على المقياس بين زري " +" و " -" على شاشة اللمس. ثم اضغط على زر سهم للخلف على شاشة اللمس.

ملاحظة: لإجراء تغييرات على إعداد "سطوع شاشة العرض مع إيقاف تشغيل المصابيح الأمامية"، يجب أن تكون المصابيح الأمامية مطفأة وألا يكون على مفتاح تعتيم المصابيح الداخلية في وضعي "الحفلة" أو "الاستعراض".

• **تعيين اللغة**

عند التواجد في هذه الشاشة، يمكنك تحديد إحدى اللغات المتعددة (Brasileiro (البرازيلية) / Deutsche (الألمانية) / English (الإنجليزية) / Español (الإسبانية) / Français (الفرنسية) / Italiano (الإيطالية) / Nederlands (الهولندية) / Polski (البولندية) / Português (البرتغالية) / Türk (التركية)) لإظهار جميع مصطلحات شاشة العرض بها، بما في ذلك وظائف الرحلة ونظام الملاحة (إذا كانت السيارة مزودة بذلك). اضغط على زر "Set Language" (ضبط اللغة) على شاشة اللمس، ثم اضغط على زر اللغة المطلوبة على شاشة اللمس. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **الوحدات**

عند التواجد في هذه الشاشة، يمكنك تحديد التغيير بين عرض وحدات القياس بالنظام المتري أو وحدات القياس الأمريكية في شاشة عرض معلومات السائق (DID) وعداد المسافة ونظام الملاحة (إذا كانت السيارة مزودة بذلك). اضغط على "US" (النظام الأمريكي) أو "Metric" (النظام المتري) لإجراء التحديد. اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

• **صافرة شاشة اللمس**

عند التواجد في هذه الشاشة، يمكنك تشغيل الصوت المسموع أو إيقاف تشغيله عند الضغط على أحد الأزرار بشاشة اللمس. اضغط على زر "Touchscreen Beep" (صافرة شاشة اللمس)، ثم حدد On (التشغيل) أو Off (إيقاف التشغيل). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الصوت

بعد الضغط على زر "Audio" (الصوت) على شاشة اللمس تكون الإعدادات التالية متاحة:

• **طول الاستجابة الصوتية**

عند التواجد في هذه الشاشة، يمكنك تغيير إعدادات Voice Response Length (طول الاستجابة الصوتية). لتغيير طول الاستجابة الصوتية، اضغط على زر"Voice Response Length" (طول الاستجابة الصوتية) على شاشة اللمس وحدد "Brief" (موجز) أو "Detailed" (تفصيلي). اضغط على زر سهم للخلف على شاشة اللمس للرجوع إلى القائمة السابقة.

الميزات القابلة للبرمجة بواسطة العميل/الإعدادات الشخصية - إعدادات نظام Uconnect® 5.0

اضغط على زر More (المزيد) بالواجهة لعرض شاشة إعداد القائمة. في هذا الوضع يتيح لك نظام Uconnect® الوصول إلى الميزات القابلة للبرمجة التي قد تكون مزودة مثل Display (شاشة العرض) وVoice (الصوت) و Clock & Date (الساعة والوقت) وSafety & Driving Assistance (الأمان ومساعدة السائق) وLights (المصابيح) وDoors & Locks (الأبواب والأقفال) وAuto-On Comfort (التشغيل التلقائي عند الراحة) وEngine Off Options (خيارات إيقاف تشغيل المحرك) وCompass Settings (إعدادات البوصلة) وAudio (الصوت) وPhone/Bluetooth® (الهاتف/البلوتوث) وRestore Settings (استعادة الإعدادات) و Clear Personal Data (مسح البيانات الشخصية)

ملاحظة: يمكن تحديد فئة واحدة فقط في المرة الواحدة.

عند التحديد، اضغط على الزر الموجود على شاشة اللمس للدخول إلى الوضع المطلوب. وبمجرد الدخول إلى الوضع المطلوب، اضغط على الإعداد المفضل وحرره، ثم قم بإجراء التحديد. بمجرد اكتمال الإعداد، اضغط إما على سهم للخلف/زر Done (تم) على شاشة اللمس أو على زر BACK (رجوع) على الواجهة للعودة إلى القائمة السابقة أو اضغط على زر "X" على شاشة اللمس لإغلاق شاشة الإعدادات. يتيح لك زر سهم لأعلى أو زر سهم لأسفل على الجانب الأيمن من الشاشة التنقل لأعلى أو لأسفل عبر الإعدادات المتاحة.

شاشة العرض

بعد الضغط على زر "Display" (شاشة العرض) على شاشة اللمس تكون الإعدادات التالية متاحة.

- **وضع شاشة العرض**

عند التواجد في هذه الشاشة، يمكنك تحديد إعدادات شاشة العرض "Auto" (أوتوماتيكي) أو "Manual" (يدوي). لتغيير حالة Mode (الوضع)، اضغط على زر "Auto" (أوتوماتيكي) أو "Manual" (يدوي) الموجود على شاشة اللمس وحرره. ثم اضغط على زر سهم للخلف على شاشة اللمس.

ملاحظة: عند تحديد وضع Day (اليوم) أو Night (الليل) لوضع شاشة العرض، سوف يؤدي استخدام ميزة وضع الاستعراض إلى تنشيط الراديو لميزة التحكم في Display Brightness Day (سطوع اليوم لشاشة العرض) على الرغم من إضاءة المصابيح الأمامية.

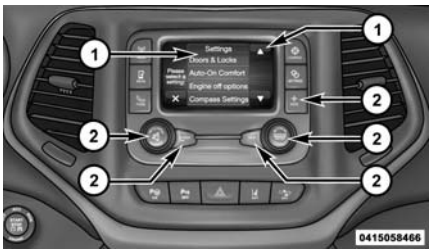
- **سطوع شاشة العرض مع تشغيل المصابيح الأمامية**

عند التواجد في هذه الشاشة، يمكنك تحديد سطوع الشاشة الكلي مع تشغيل المصابيح الأمامية. اضبط السطوع باستخدام زري الإعداد " +" أو " -" على شاشة اللمس أو من خلال تحديد أي نقطة على المقياس بين زري " +" و " -" على شاشة اللمس. ثم اضغط على زر سهم للخلف على شاشة اللمس.

ملاحظة: لإجراء تغييرات على إعداد "سطوع شاشة العرض مع تشغيل المصابيح الأمامية"، يجب أن تكون المصابيح الأمامية مضاءة وألا يكون على مفتاح تعتيم المصابيح الداخلية في وضعي "الحفلة" أو "الاستعراض".

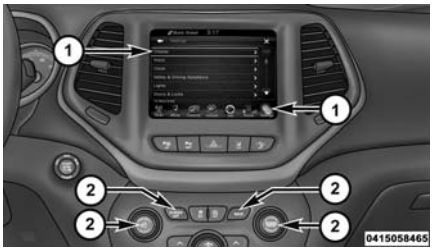
إعدادات نظام ®Uconnect

يستخدم نظام ®Uconnect خليط من مجموعة من الأزرار على شاشة اللمس ومجموعة من الأزرار على الواجهة، الموجود في منتصف لوحة أجهزة القياس التي تتيح لك الوصول إلى الميزات القابلة للبرمجة بواسطة العميل وتغييرها. قد تختلف العديد من الميزات باختلاف السيارة.



أزرار نظام ®Uconnect 5.0 على شاشة اللمس والأزرار الموجودة في الواجهة

1 - أزرار نظام ®Uconnect على شاشة اللمس
2 - أزرار نظام ®Uconnect في الواجهة



أزرار نظام ®Uconnect 8.4A/8.4AN على شاشة اللمس والأزرار الموجودة في الواجهة

1 - أزرار نظام ®Uconnect على شاشة اللمس
2 - أزرار نظام ®Uconnect في الواجهة

الأزرار الموجودة في الواجهة

توجد الأزرار الموجودة في الواجهة أسفل نظام ®Uconnect في منتصف لوحة أجهزة القياس. بالإضافة إلى ذلك، يوجد مقبض تحكم Scroll/Enter (التمرير/إدخال) الموجود على الجانب الأيمن من أزرار التحكم في درجة الحرارة في وسط لوحة أجهزة القياس.

أدر مقبض التحكم للتمرير عبر القوائم وقم بتغيير الإعدادات (مثلاً، 30، 60، 90)، اضغط على مركز مقبض التحكم مرة أو أكثر لتحديد الإعداد أو تغييره (مثلاً، ON (التشغيل)، OFF (إيقاف التشغيل)).

قد يحتوي نظام ®Uconnect أيضًا على زر Screen Off (إيقاف تشغيل الشاشة) وزر Back (رجوع) الموجود أسفل نظام ®Uconnect.

اضغط على زر Screen Off (إيقاف تشغيل الشاشة) لإيقاف تشغيل شاشة اللمس لنظام ®Uconnect. اضغط على زر Screen Off (إيقاف تشغيل الشاشة) مرة ثانية لتشغيل شاشة اللمس.

اضغط على الزر BACK (رجوع) للخروج من Menu (القائمة) أو بعض الخيارات على نظام ®Uconnect.

الأزرار الموجودة على شاشة اللمس

الأزرار الموجودة على شاشة اللمس يمكن الوصول إليها على شاشة عرض نظام ®Uconnect.

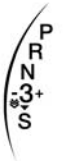
تتيح لك ميزة Screen Setup (إعداد الشاشة) تغيير أي المعلومات التي يتم عرضها في لوحة أجهزة القياس بالإضافة إلى الموقع الذي يتم عرض المعلومات فيه.

مؤشر تبديل الترس (GSI) - إذا كانت السيارة مزودة بذلك

يتم تمكين نظام مؤشر تبديل الترس (GSI) على السيارات المزودة بوضع النقل اليدوي. يوفر نظام مؤشر تبديل الترس (GSI) للسائق إشارة مرئية في مجموعة أجهزة القياس داخل شاشة عرض معلومات السائق (DID) عند الوصول إلى نقطة نقل الترس المُوصى بها. تُشعر هذه الإشارة السائق أن تغيير التروس سيؤدي إلى تقليل استهلاك الوقود. عند عرض مؤشر التبديل لأعلى على الشاشة، ينصح نظام مؤشر تبديل الترس (GSI) بتعشيق ترس أعلى.

يظل مؤشر تبديل الترس (GSI) في شاشة عرض معلومات السائق (DID) مضاءً حتى يقوم السائق بتغيير الترس، أو عودة ظروف القيادة إلى موقف لا يتطلب تغيير الترس لتحسين استهلاك الوقود.

75°F



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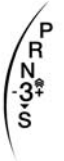
نقل مؤشر تبديل الترس (GSI) لأسفل

75°F



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نقل مؤشر تبديل الترس (GSI) لأعلى

تحذير السرعة - إذا كانت السيارة مزودة بذلك

اضغط على زر سهم **لأعلى** أو سهم **لأسفل** وحرره حتى يتم تمييز رمز/عنوان شاشة Speed Warning Menu (قائمة تحذير السرعة) في شاشة عرض معلومات السائق (DID). اضغط على OK (موافق) وحرره للدخول إلى تحذير السرعة. استخدم سهم **لأعلى** أو **لأسفل** لتحديد السرعة المرغوبة، ثم اضغط على OK (موافق) لضبط السرعة. سوف يظهر ضوء مؤشر مساعد السرعة اليدوي (MSA) في شاشة عرض معلومات السائق (DID) وتصدر صافرة مع رسالة تحذير منبثقة عندما يتم تجاوز السرعة المضبوطة.

- تحذير الاقتراب لوحدة التحكم في السرعة الثابتة المهايئة (ACC)
- تحذير وحدة التحكم في السرعة الثابتة المهايئة (ACC) غير متوفرة
- تعود شاشة عرض معلومات السائق (DID) إلى آخر شاشة محددة بعد 5 ثوان من عدم وجود أي نشاط لشاشة وحدة التحكم في السرعة الثابتة المهايئة (ACC).

للتعرف على مزيد من المعلومات، راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC) - إذا كانت السيارة مزودة بذلك" في "فهم مزايا سيارتك".

نظام LaneSense (استشعار الحارة)

تعرض شاشة عرض معلومات السائق (DID) إعدادات LaneSense (استشعار الحارة) الحالية. تعتمد المعلومات المعروضة على حالة نظام LaneSense (استشعار الحارة) وشروطه التي يجب أن يتم استيفاؤها. لمزيد من المعلومات، راجع "ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك" في "فهم مزايا سيارتك".

ترشيد استهلاك الوقود

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Fuel Economy Menu (قائمة ترشيد استهلاك الوقود) في شاشة عرض معلومات السائق (DID). اضغط مطولاً على زر OK (موافق) لإعادة ضبط الميزة.

- النطاق
- معدل ترشيد استهلاك الوقود
- ترشيد استهلاك الوقود الحالي (ميل لكل جالون أو لتر/100 كم)

معلومات الرحلة

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Trip Menu (قائمة الرحلة) في شاشة عرض معلومات السائق (DID) (قم بالتبديل لليمين أو اليسار لتحديد Trip A (الرحلة أ) أو Trip B (الرحلة ب)). ستعرض معلومات Trip (الرحلة) الآتي:

- المسافة
- معدل ترشيد استهلاك الوقود
- الوقت المنقضي

اضغط مطولاً على زر OK (موافق) لإعادة معلومات الميزة.

الصوت

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم عرض Audio Menu (قائمة الصوت) في شاشة عرض معلومات السائق (DID).

الرسائل المخزنة

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Messages Menu (قائمة الرسائل) في شاشة عرض معلومات السائق (DID). تعرض هذه الميزة عدد رسائل التحذير المخزنة. سيتيح لك الضغط على زر سهم لليمين رؤية ما هي الرسائل المخزنة.

إعداد الشاشة

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم عرض Screen Setup Menu (قائمة إعداد الشاشة) في شاشة عرض معلومات السائق (DID). اضغط على زر OK (موافق)، ثم حرره للدخول إلى القوائم الفرعية.

راجع "نظام مراقبة ضغط الإطارات (TPMS)" الموجود ضمن "البدء والتشغيل" لمزيد من المعلومات.

Coolant Temperature (درجة حرارة سائل التبريد)

Transmission Temp (درجة حرارة ناقل الحركة)

Oil Temp (درجة حرارة الزيت)

Oil Life (العمر الافتراضي للزيت)

Battery Voltage (فولتية البطارية)

مساعد السائق

قائمة وحدة التحكم في السرعة الثابتة المهايئة (ACC)

تعرض شاشة عرض معلومات السائق (DID) إعدادات نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) الحالية. وتعتمد المعلومات التي يعرضها على حالة نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) (الموجود بعجلة القيادة) حتى يتم عرض أي مما يلي في شاشة عرض معلومات السائق (DID):

إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة

عند إلغاء تنشيط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ستعرض الشاشة "Adaptive Cruise Control Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة).

وحدة التحكم في السرعة الثابتة المهايئة جاهزة

عند تنشيط وحدة التحكم في السرعة الثابتة المهايئة مع عدم اختيار إعداد سرعة السيارة، فستعرض الشاشة "Adaptive Cruise Control Ready" (وحدة التحكم في السرعة الثابتة المهايئة جاهزة).

اضغط على زر SET + (الضبط +) أو SET- (الضبط -) (الموجود بعجلة القيادة) ثم حرره وسوف يُعرض ما يلي في شاشة عرض معلومات السائق (DID):

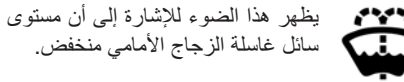
تم ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)

عند ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، سوف تعرض السرعة المضبوطة في مجموعة أجهزة القياس.

قد تظهر شاشة وحدة التحكم في السرعة الثابتة المهايئة (ACC) مرة أخرى إذا حدث أي نشاط لوحدة التحكم في السرعة الثابتة المهايئة (ACC)، والذي قد يتضمن أيًا مما يلي:

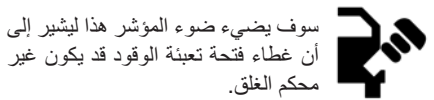
- تغيير إعداد المسافة
- إلغاء النظام
- تجاوز السائق
- إيقاف تشغيل النظام

- **مؤشر سائل الغاسلة**



يظهر هذا الضوء للإشارة إلى أن مستوى سائل غاسلة الزجاج الأمامي منخفض.

- **غطاء فتحة تعبئة الوقود غير محكم الغلق**



سوف يضيء ضوء المؤشر هذا ليشير إلى أن غطاء فتحة تعبئة الوقود قد يكون غير محكم الغلق.

عناصر قائمة شاشة عرض معلومات السائق (DID) القابلة للتحديد

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Selectable Menu (القائمة القابلة للتحديد) المطلوب في شاشة عرض معلومات السائق (DID).

اتبع مطالبات القائمة أو القائمة الفرعية حسب رغبتك.

عداد السرعة

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Speedometer Menu (قائمة عداد السرعة) في شاشة عرض معلومات السائق (DID). اضغط على زر OK (موافق)، ثم حرره لتغيير مقياس عداد السرعة من ميل/الساعة إلى كم/ساعة (أو العكس).

Vehicle Info (معلومات السيارة) (ميزات معلومات العميل)

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Vehicle Info Menu (قائمة معلومات السيارة) في شاشة عرض معلومات السائق (DID). اضغط على زر السهم لليمين/لليسار للتنقل بين القوائم الفرعية Vehicle Info (معلومات السيارة)، ثم اتبع المطالبات التي تظهر على كل شاشة حسب الحاجة.

ضغط الإطارات

اضغط على زر سهم لأعلى أو لأسفل ثم حرره حتى يتم تمييز "Tire Pressure" (ضغط الإطار) في شاشة عرض معلومات السائق (DID). اضغط على زر سهم لليمين وحرره وسيتم عرض أحد الإجراءات التالية:

- إذا كان ضغط الإطار جيدًا لجميع الإطارات، فسيتم عرض رمز سيارة مع عرض قيم ضغط الإطارات في كل ركن من أركان الرمز.
- في حالة انخفاض ضغط إطار أو أكثر، تظهر الرسالة "Inflate Tire To XX" (نفخ الإطار إلى XX) مع رمز السيارة مع ظهور قيم ضغط الإطارات في كل زاوية من الرمز مع ظهور قيمة ضغط الإطار المنخفض بلون مختلف عن قيم ضغط الإطارات الأخرى.
- إذا كان نظام ضغط الإطارات يتطلب الصيانة، فسيتم عرض الرسالة "Service Tire Pressure System" (نظام مراقبة ضغط الإطارات يحتاج للصيانة).

وظيفة معدل ضغط الإطارات هي وظيفة معلومات فقط ولا يمكن إعادة ضبطها. اضغط على زر سهم لليسار وحرره للرجوع إلى القائمة الرئيسية.

أضواء الإشارة الصفراء لشاشة عرض معلومات السائق (DID)

ستعرض هذه المنطقة أضواء الإشارة الصفراء التحذيرية والقابلة للتكوين. وتشمل أضواء الإشارة هذه:

- **مؤشر التصادم الأمامي**

يضيء هذا المؤشر لتحذيرك من التصادم المحتمل مع السيارة التي أمامك.

- **ضوء مؤشر نظام صيانة الإيقاف/البدء — إذا كانت السيارة مزودة بذلك**

يضيء هذا المؤشر للإشارة إلى أن نظام Stop/Start (إيقاف/بدء التشغيل) لا يعمل بشكل صحيح وتلزم صيانته.

- **مؤشر صيانة وحدة التحكم في السرعة الثابتة المهايئة**

يعمل هذا الضوء عندما لا تعمل وحدة التحكم في السرعة الثابتة المهايئة (ACC) وتحتاج إلى الصيانة. راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC)" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

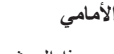
- **ضوء إشارة انخفاض مستوى الوقود**

عندما يصل مستوى الوقود إلى ما يقرب من 11.0 لترًا (3.0 جالونات)، يضيء هذا الضوء ويبقى مضاءً حتى يعاد تزويد السيارة بالوقود.

- **مؤشر تحذير ارتفاع درجة حرارة ناقل الحركة - إذا كانت السيارة مزودة بذلك**

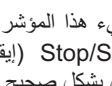
يشير هذا المؤشر إلى ارتفاع درجة حرارة سائل ناقل الحركة. وقد يحدث ذلك كنتيجة للاستخدام الشاق كما هو الحال عند سحب مقطورة. عند إضاءة هذا المؤشر، تحرك بأمان بالسيارة إلى جانب الطريق وقم بإيقافها. انقل بعد ذلك ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) وقم بتشغيل المحرك على سرعة التباطؤ أو سرعة أكبر حتى ينطفئ الضوء.

- **مؤشر صيانة الدفع الرباعي**



إذا ظل الضوء قيد التشغيل أو أضاء أثناء القيادة، فإن ذلك يعني أن نظام الدفع الرباعي لا يعمل بشكل صحيح ويلزم صيانته. ننصحك بالقيادة إلى أقرب مركز خدمة وصيانة السيارة على الفور.

- **مؤشر تعطل نظام LaneSense (استشعار الحارة)**



سوف يظهر هذا المؤشر للإشارة إلى أن نظام Lane Sense Departure (استشعار مغادرة الحارة) قد اكتشف وجود عطل.

- **مؤشر قفل محور الدوران الخلفي**

يظهر هذا الضوء عند تنشيط قفل المحور الخلفي.

- **ضوء تحذيري بشأن ضغط الزيت**

يشير هذا المؤشر إلى انخفاض ضغط زيت المحرك. وإذا ظهر الضوء أثناء القيادة، فتوقف فورًا وأطفئ المحرك في أسرع وقت ممكن. وستسمع طنينًا عند ظهور هذا الضوء.

لا تقم بتشغيل السيارة إلا بعد تصليح العطل. ولا يشير هذا الضوء إلى كمية الزيت في المحرك. لذا يجب فحص مستوى زيت المحرك في حجرة المحرك.

- **ضوء نظام التحكم الإلكتروني في صمام الاختناق (ETC)**

يخبرك هذا الضوء بوجود مشكلة في نظام التحكم الإلكتروني في صمام الاختناق (ETC). سيضيء المصباح عند إدارة مفتاح التشغيل إلى وضع التشغيل لأول مرة، ويظل مضاءً لفترة وجيزة كإجراء للتحقق من المصباح. إذا لم يضيء الضوء أثناء بدء التشغيل، فافحص النظام لدى الوكيل المعتمد.

في حالة اكتشاف مشكلة، يضيء الضوء أثناء تشغيل المحرك. أدر مفتاح التشغيل عند توقف السيارة بالكامل وضع ذراع النقل في وضع PARK (التوقف). يجب أن يتوقف تشغيل الضوء.

إذا بقي الضوء مضاءً أثناء عمل المحرك، ففي الغالب يمكنك قيادة السيارة. ومع ذلك عليك بمراجعة الوكيل المعتمد للحصول على الصيانة في أقرب وقت. إذا كان الضوء يومض أثناء تشغيل المحرك، فيجب إجراء الصيانة الفورية. قد تشعر بانخفاض الأداء وتباطؤ متصاعد/صعب أو توقف مفاجئ للمحرك، وحينها قد تحتاج سيارتك للسحب.

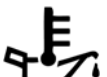
- **ضوء تحذير تعطل التوجيه المعزز كهربيًا**

يعمل هذا المؤشر عندما لا يعمل التوجيه المعزز كهربيًا وعندما يكون بحاجة إلى الصيانة.

- **ضوء تحذيري بشأن الوسادة الهوائية**

سيضيء هذا الضوء لمدة تتراوح بين 4 و8 ثوان كنوع من الاختبار باستخدام مصباح بعد وضع قرص التشغيل في وضع ON/RUN (التشغيل/الانطلاق) لأول مرة. إذا لم يضيء هذا الضوء عند بدء التشغيل أو إذا استمر في الإضاءة أو إذا ظهر أثناء القيادة، فيجب فحص النظام لدى الوكيل المعتمد في أقرب وقت ممكن. راجع "أنظمة تثبيت الركاب" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" للحصول على مزيد من المعلومات.

- **ضوء تحذير درجة حرارة الزيت**



يشير هذا المؤشر إلى ارتفاع درجة حرارة زيت المحرك. وإذا ظهر الضوء أثناء القيادة، فتوقف فورًا وأطفئ المحرك في أسرع وقت ممكن.

- **ضوء تحذير فتح باب المؤخرة**

يضيء هذا المؤشر عندما يتم فصل فرامل المقطورة.

وما لم تتم إعادة ضبطها، فإن هذه الرسالة تستمر في العرض في كل مرة تدير فيها مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق). لإيقاف عرض الرسالة مؤقتًا، اضغط على زر OK (موافق) وحرره. لإعادة ضبط نظام مؤشر تغيير الزيت (بعد تنفيذ الصيانة الدورية)، راجع الإجراء التالي.

1. دون الضغط على دواسة الفرامل، اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) وقم بإدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل الانطلاق) (لا تبدأ تشغيل المحرك.)
2. اضغط بالكامل على دواسة الوقود ببطء لثلاث مرات في غضون 10 ثوان.
3. دون الضغط على دواسة الفرامل، اضغط على زر ENGINE START/STOP (بدء/إيقاف المحرك) وقم بإدارة مفتاح التشغيل إلى وضع OFF/LOCK (إيقاف التشغيل/القفل).

ملاحظة: إذا أضاءت رسالة المؤشر عند بدء تشغيل السيارة، فإن ذلك يعني عدم إعادة ضبط نظام مؤشر تغيير الزيت. كرر الإجراء السابق إذا لزم الأمر.

الإشارات الحمراء لشاشة عرض معلومات السائق (DID)

تعرض هذه المنطقة أضواء الإشارات الحمراء القابلة لإعادة التكوين. وتشمل أضواء الإشارة هذه:

- **مصباح شحن النظام**

يشير هذا المصباح إلى حالة نظام الشحن الكهربي. إذا استمر الضوء مضاءً أو أضاء أثناء القيادة، فأوقف تشغيل بعض الأجهزة الكهربية غير المهمة بالسيارة أو قم بزيادة سرعة المحرك (إذا كان على سرعة التباطؤ). إذا ظل ضوء نظام الشحن مضاءً، فهذا يعني أن السيارة بها مشكلة في نظام الشحن. استدع الخدمة فورًا. راجع وكيل معتمد.

إذا كان من الضروري تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة، فراجع "إجراءات تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة" في "ما يجب أن تفعله في الحالات الطارئة".

- **المحرك ضوء تحذير درجة الحرارة**

ينبه هذا الضوء إلى ارتفاع حرارة المحرك. مع ارتفاع درجة الحرارة واقتراب المقياس من النقطة **H**، يضئ هذا المؤشر وتصدر إشارة صوتية واحدة بعد الوصول إلى الحد الذي تم ضبطه. وتتسبب السخونة المفرطة في تجاوز مقياس درجة الحرارة للنقطة **H** وستصدر إشارة صوتية متتابعة حتى يتم السماح للمحرك بأن يبرد.

عند إضاءة الضوء أثناء القيادة، تحرك بأمان بالسيارة إلى جانب الطريق وقم بإيقافها. إذا كان نظام مكيف الهواء في وضع التشغيل، فأوقف تشغيله. انقل أيضًا ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) واجعل السيارة في حالة تباطؤ. إذا لم تعد قراءة درجة الحرارة إلى الوضع الطبيعي، فأوقف تشغيل المحرك على الفور واتصل بالصيانة. راجع "إذا ارتفعت درجة حرارة المحرك" في "ما يجب أن تفعله في الحالات الطارئة" للحصول على المزيد من المعلومات.

- **أحد الأبواب مفتوح**

يظهر هذا الضوء للإشارة إلى أن أحد الأبواب أو أكثر قد يكون مفتوحًا.

• **مصباح شحن النظام**

يشير هذا المصباح إلى حالة نظام الشحن الكهربي. إذا استمر الضوء مضاءً أو أضاء أثناء القيادة، فأوقف تشغيل بعض الأجهزة الكهربية غير المهمة بالسيارة أو قم بزيادة سرعة المحرك (إذا كان على سرعة التباطؤ). إذا ظل ضوء نظام الشحن مضاءً، فهذا يعني أن السيارة بها مشكلة في نظام الشحن. استدع الخدمة فورًا. راجع وكيل معتمد.

إذا كان من الضروري تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة، فراجع "إجراءات تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة" في "ما يجب أن تفعله في الحالات الطارئة".

• **ضوء نظام التحكم الإلكتروني في صمام الاختناق (ETC)**

يخبرك هذا الضوء بوجود مشكلة في نظام التحكم الإلكتروني في صمام الاختناق (ETC). سيضيء المصباح عند إدارة مفتاح التشغيل إلى وضع التشغيل لأول مرة، ويظل مضاءً لفترة وجيزة كإجراء للتحقق من المصباح. إذا لم يضيء الضوء أثناء بدء التشغيل، فافحص النظام لدى الوكيل المعتمد.

في حالة اكتشاف مشكلة، يضيء الضوء أثناء تشغيل المحرك. أدر مفتاح التشغيل عند توقف السيارة بالكامل وضع ذراع النقل في وضع PARK (التوقف). يجب أن يتوقف تشغيل الضوء.

إذا بقي الضوء مضاءً أثناء عمل المحرك، ففي الغالب يمكنك قيادة السيارة. ومع ذلك عليك بمراجعة الوكيل المعتمد للحصول على الصيانة في أقرب وقت. إذا كان الضوء يومض أثناء تشغيل المحرك، فيجب إجراء الصيانة الفورية. قد تشعر بانخفاض الأداء وتباطؤ متصاعد/صعب أو توقف مفاجئ للمحرك، وحينها قد تحتاج سيارتك للسحب.

• **ضوء تحذير درجة حرارة الزيت**

يشير هذا المؤشر إلى ارتفاع درجة حرارة زيت المحرك. وإذا ظهر الضوء أثناء القيادة، فتوقف فورًا وأطفئ المحرك في أسرع وقت ممكن.

• **ضوء تحذيري بشأن الوسادة الهوائية**

يظهر هذا الضوء لمدة تتراوح بين 4 إلى 8 ثوان كنوع من الاختبار باستخدام المصباح بعد وضع قرص التشغيل في وضع ON/RUN (التشغيل/الانطلاق) لأول مرة.

إذا لم يضيء هذا الضوء عند بدء التشغيل أو إذا استمر في الإضاءة أو إذا ظهر أثناء القيادة، فيجب فحص النظام لدى الوكيل المعتمد في أقرب وقت ممكن. راجع "أنظمة تثبيت الركاب" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" للحصول على مزيد من المعلومات.

إعادة ضبط تغيير الزيت

Oil Change Due (يلزم تغيير الزيت)

إن سيارتك مزودة بنظام مؤشر تغيير زيت المحرك. تظهر رسالة "Oil Change Due" (يلزم تغيير الزيت) في شاشة عرض معلومات السائق (DID) لمدة خمس ثوان بعد إصدار إشارة صوتية واحدة للإشارة إلى موعد تغيير الزيت الدوري التالي. يستند نظام مؤشر تغيير زيت المحرك على دورة الخدمة، ويعني ذلك أن موعد تغيير زيت المحرك يختلف وفقًا لنمط القيادة الشخصي.

14. شاشة عرض المؤشر الأحمر القابل لإعادة التكوين

- **المحرك ضوء تحذير درجة الحرارة**

ينبه هذا الضوء إلى ارتفاع حرارة المحرك. مع ارتفاع درجة الحرارة واقتراب المقياس من النقطة **H**، يضئ هذا المؤشر وتصدر إشارة صوتية واحدة بعد الوصول إلى الحد الذي تم ضبطه.
عند إضاءة الضوء أثناء القيادة، تحرك بأمان بالسيارة إلى جانب الطريق وقم بإيقافها. إذا كان نظام مكيف الهواء في وضع التشغيل، فأوقف تشغيله. انقل أيضًا ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) واجعل السيارة في حالة تباطؤ. إذا لم تعد قراءة درجة الحرارة إلى الوضع الطبيعي، فأوقف تشغيل المحرك على الفور واتصل بالصيانة. راجع "إذا ارتفعت درجة حرارة المحرك" في "ما يجب أن تفعله في الحالات الطارئة" للحصول على المزيد من المعلومات.

- **زيادة درجة حرارة نظام التوجيه العامل بالطاقة - إذا كانت السيارة مزودة بذلك**

في حالة ظهور الرسالة "POWER STEERING SYSTEM OVER TEMP" (زيادة درجة حرارة نظام التوجيه المعزز) والرمز على شاشة عرض معلومات السائق (DID)، فهذا يعني أنه ربما تم القيام بمناورات توجيه شديدة، مما تسبب في حالة ارتفاع درجة الحرارة في نظام التوجيه المعزز. ستفقد مساعدة التوجيه المعزز بشكل مؤقت حتى تختفي حالة ارتفاع درجة الحرارة. عندما تكون ظروف القيادة آمنة، أوقف السيارة واتركها دائرة في حالة تباطؤ. بعد خمس دقائق، يبرد النظام ويعود إلى ظروف التشغيل العادي. راجع "التوجيه المعزز" في "البدء والتشغيل" لمزيد من المعلومات.

ملاحظة:

- **وحتى في حالة عدم عمل مساعدة التوجيه المعزز، يمكن توجيه السيارة. وفي ظل هذه الظروف، سيتطلب الأمر بذل مجهود أكبر لتوجيه السيارة وخاصة في سرعات بطيئة جدًا أو عند مناورات التوقف.**
- **إذا استمرت الحالة، فراجع الوكيل المعتمد للحصول على الصيانة.**

- **أحد الأبواب مفتوح**

يظهر هذا الضوء للإشارة إلى أن أحد الأبواب أو أكثر قد يكون مفتوحًا.

- **باب المؤخرة مفتوح**

يظهر هذا الضوء للإشارة إلى أن باب المؤخرة قد يكون مفتوحًا.

- **ضوء تحذيري بشأن ضغط الزيت**

يشير هذا الضوء إلى انخفاض ضغط زيت المحرك. ويظهر هذا الضوء لمدة وجيزة عند تشغيل المحرك. وإذا ظهر الضوء أثناء القيادة، فتوقف فورًا وأطفئ المحرك في أسرع وقت ممكن. ستصدر إشارة صوتية لمدة أربع دقائق عند تشغيل هذا الضوء.
لا تقم بتشغيل السيارة إلا بعد تصليح العطل. ولا يشير هذا الضوء إلى كمية الزيت في المحرك. لذا يجب فحص مستوى زيت المحرك في حجرة المحرك.

- **خلل في وحدة التحكم في السرعة الثابتة المهايئة (ACC)**

يعمل هذا الضوء عندما لا تعمل وحدة التحكم في السرعة الثابتة المهايئة (ACC) وتحتاج إلى الصيانة. راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC)" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

- **خدمة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك**

سوف يظهر هذا المؤشر للإشارة إلى أن نظام Lane Sense Departure (استشعار مغادرة الحارة) قد اكتشف وجود عطل.

- **مؤشر رسالة عدم ربط غطاء فتحة تعبئة الوقود**

يضيء هذا المؤشر للإشارة إلى أن غطاء فتحة تعبئة الوقود غير محكم الغلق.

13. منطقة شاشة عرض عداد المسافة/مقياس الوقود/مقياس درجة الحرارة/القائمة الفرعية

تشير شاشة عرض عداد المسافة إلى المسافة الكلية التي قطعتها السيارة.

عند توافر الظروف المناسبة، تعرض هذه الشاشة رسائل شاشة عرض معلومات السائق (DID) وقوائمها الفرعية.

- **مقياس الوقود**

يعرض مقياس الوقود مستوى الوقود في الخزان عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

- **مقياس درجة الحرارة**

يدل مقياس درجة الحرارة على درجة حرارة سائل تبريد المحرك. فإذا كان مكان المؤشر في المدى الطبيعي، فسوف يدل ذلك على أن نظام تبريد المحرك يعمل بصورة صحيحة.

وقد يدل مؤشر المقياس إلى درجات حرارة أعلى من المعدل عند القيادة في طقس حار وعند تسلق المرتفعات أو عند سحب المقطورات. ويجب عدم السماح بأن يتجاوز المؤشر الحدود القصوى لدرجة حرارة التشغيل الطبيعية.

تنبيه!

إن قيادة السيارة عندما يكون نظام تبريد المحرك ساخنًا يمكن أن يلحق الضرر بسيارتك. إذا كان جهاز قياس درجة الحرارة في وضع الحرارة العالية "H"؛ فيجب التوقف عن القيادة وإيقاف السيارة. أوقف السيارة وأوقف تشغيل جهاز مكيف الهواء حتى يهبط المؤشر إلى النطاق العادي. إذا بقي المؤشر في وضع الحرارة العالية "H" وسمعت طنينًا مستمرًا، فأطفئ المحرك فورًا واتصل بالصيانة لدى الوكيل المعتمد.

تحذير!

يشكل ارتفاع حرارة نظام تبريد المحرك خطورة بالغة. وقد يسبب لك وللآخرين حروقًا بالبخار أو السائل الساخن جدًا إلى درجة الغليان. ربما ترغب بالاتصال بالوكيل المعتمد من أجل الصيانة إذا ارتفعت درجة حرارة السيارة. وإذا قررت النظر تحت غطاء المحرك بنفسك، فقم بالاطلاع على "صيانة سيارتك". اتبع التحذيرات الواردة في الفقرة الخاصة بغطاء ضغط نظام تبريد المحرك.

12. شاشة عرض المؤشر الكهرماني القابل لإعادة التكوين

- **مصباح تحذير درجة حرارة ناقل الحركة**

يشير هذا الضوء إلى أن ارتفاع درجة حرارة سائل ناقل الحركة بصورة زائدة والذي قد يحدث عند الاستخدام الشاق للسيارة مثل سحب مقطورة. قد يحدث ذلك أيضًا عند تشغيل السيارة في ظروف انزلاق محول ذو عزم عالي، مثل التشغيل في وضع الدفع الرباعي (على الطرق غير الممهدة أو لجرف الثلج). إذا أضاء هذا الضوء، فقم بإيقاف السيارة وتشغيل المحرك على سرعة التباطؤ أو أسرع من ذلك مع وجود ناقل الحركة في وضع NEUTRAL (اللاتعشيق) حتى ينطفئ الضوء.

تنبيه!

ستؤدي القيادة المستمرة مع إضاءة ضوء التحذير الخاص بدرجة حرارة ناقل الحركة إلى التسبب في إلحاق تلف خطير بناقل الحركة أو تعطله عن التشغيل.

تحذير!

في حالة متابعة تشغيل السيارة مع إضاءة ضوء تحذير درجة حرارة ناقل الحركة فقد تتسبب في غليان السائل ومن ثم ملامسته للمحرك الساخن أو مكونات نظام العادم مما قد يتسبب في نشوب حريق.

- **ضوء إشارة انخفاض مستوى الوقود**

عندما يصل مستوى الوقود إلى ما يقرب من 11.0 لترًا (3.0 جالونات)، يضيء هذا الضوء ويبقى مضاءً حتى يعاد تزويد السيارة بالوقود.

- **مؤشر قفل محور الدوران الخلفي - إذا كانت السيارة مزودة بذلك**

يظهر هذا الضوء عند تنشيط قفل المحور الخلفي.

- **مؤشر مستوى سائل التبريد منخفض**

يظهر هذا الضوء للإشارة إلى أن مستوى سائل تبريد السيارة منخفض.

- **مؤشر انخفاض سائل غاسلة الزجاج الأمامي**

يظهر هذا الضوء للإشارة إلى أن مستوى سائل غاسلة الزجاج الأمامي منخفض.

- **ضوء مؤشر 4WD LOW (الدفع الرباعي المنخفض) - إذا كانت السيارة مزودة بذلك**

ينبه هذا الضوء السائق بأن السيارة في وضع 4 LOW (الدفع الرباعي المنخفض). يتم قفل عمودي التوجيه الأمامي والخلفي ميكانيكيًا لإجبار العجلات الأمامية والخلفية على الدوران بنفس السرعة. يوفر النطاق المنخفض نسبة أعلى لتخفيض التروس من أجل زيادة قوة العزم للعجلات.

مزيد من المعلومات حول تشغيل الدفع الرباعي والاستخدام الصحيح له، راجع "تشغيل نظام الدفع الرباعي" في "البدء والتشغيل".

- **ضوء مؤشر 4WD SERV (صيانة الدفع الرباعي) - إذا كانت السيارة مزودة بذلك**

ينبه هذا الضوء السائق بأن الدفع الرباعي في حاجة إلى صيانة. في حالة إضاءة هذا الضوء، راجع الوكيل المعتمد بأسرع ما يمكن.

8. منطقة شاشة عرض معلومات السائق (DID) القابلة للتحديد

تعرض هذه المنطقة المعلومات القابلة للتحديد (البوصلة، درجة الحرارة، النطاق الذي يمكن قطعه قبل نفاد الوقود، الرحلة، متوسط عدد الأميال لكل جالون أو لتر/100 كم).

ملاحظة: سيقوم النظام بعد ذلك بعرض أخر درجة حرارة خارجية معلومة عند بدء تشغيل السيارة وقد يكون من الضروري أن تتم قيادة السيارة لعدة دقائق قبل أن يتم عرض درجة الحرارة المحدثة. كما أن درجة حرارة المحرك يمكن أن تؤثر على درجة الحرارة المعروضة؛ وبالتالي لا يتم تحديث قراءات درجة الحرارة عند عدم تحرُك السيارة.

9. منطقة أضواء المؤشر القابلة للتكوين

- **مؤشر النزول من على المرتفعات - إذا كانت السيارة مزودة بذلك**

يضيء الرمز (قيد التشغيل) عند تنشيط مفتاح 4WD Low (الدفع الرباعي المنخفض) وعندما يكون مؤشر نطاق ناقل الحركة في وضع LOW (منخفض) أو وضع REVERSE (الرجوع للخلف) (وضع الطرق غير الممهدة).

- **مؤشر التحكم في تحديد السرعة - إذا كانت السيارة مزودة بذلك**

يضيء الرمز ويصبح نشطًا فقط في نطاق 4WD Low (الدفع الرباعي المنخفض) عند تحديد إما مفتاح HDC (التحكم في النزول من على المرتفعات) في لوحة مجموعة أجهزة القياس أو وضع ROCK (الصخور) عند اختيار الوضع Selec-Terrain (التضاريس المحددة).

إذا لم تكن علبة النقل في نطاق 4WD Low (الدفع الرباعي المنخفض)، فسيتم عرض الرسالة التالية "Selec-Speed Unavailable" (التحكم في تحديد السرعة غير متاح).

- **نظام التحكم الإلكتروني في السرعة في وضع التشغيل**

يعمل هذا الضوء عند تشغيل نظام التحكم الإلكتروني بالسرعة. لمزيد من المعلومات، راجع "التحكم الإلكتروني في السرعة" في "فهم مزايا سيارتك".

- **نظام التحكم الإلكتروني في السرعة في وضع الضبط**

يعمل هذا الضوء عند ضبط نظام التحكم الإلكتروني بالسرعة. لمزيد من المعلومات، راجع "التحكم الإلكتروني في السرعة" في "فهم مزايا سيارتك".

- **شاشة عرض إعداد المسافة في وحدة التحكم في السرعة الثابتة المهايئة (ACC)**

سيعرض هذا إعداد المسافة في نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC). راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC)" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

10. حالة ذراع النقل (PRNDL)

يتم عرض حالة ذراع النقل "1 أو 2 أو 3 أو 4 أو 5 أو 6 أو 7 أو 8 أو9 أو R أو P أو N أو D أو L" للإشارة إلى موضع ذراع النقل. راجع "البدء والتشغيل".

11. المنطقة التعليمية

تعرض هذه المنطقة نص تحذيرات مرئية (مثل "Push Brake To Start" (اضغط على الفرامل للبدء)).

5. شاشة عرض معلومات السائق (DID)

ستعرض منطقة شاشة عرض معلومات السائق (DID) القائمة الرئيسية أو شاشات الميزة المحددة في القائمة الرئيسية بصورة عادية. تعرض منطقة شاشة عرض معلومات السائق (DID) الرسائل "المنبثقة" التي تتألف من 60 إنذار محتمل أو رسائل المعلومات. تندرج رسائل المعلومات المنبثقة هذه في عدة فئات:

- **رسائل مخزنة لمدة خمس ثوان**

في الظروف المناسبة، يتحكم هذا النوع من الرسائل في منطقة شاشة العرض الرئيسية لمدة خمس ثوان ثم يرجع إلى الشاشة السابقة. يتم عندئذ تخزين معظم الرسائل من هذا النوع (طالما ظلت الحالة التي قامت بتفعيلها نشطة) ويمكن مراجعتها في عنصر "Messages" (الرسائل) في القائمة الرئيسية. وطالما كانت هناك رسالة مخزنة، يتم عرض رمز "i" في الخط العلوي من شاشة عرض معلومات السائق (DID). أمثلة هذا النوع من الرسائل هي "Right Front Turn Signal Lamp Out" (مصباح إشارة الانعطاف الأمامية اليمنى مطفأة) "Low Tire Pressure" (ضغط الإطارات منخفض).

- **رسائل لا يتم تخزينها**

يتم عرض هذا النوع من الرسائل بصورة دائمة أو حتى يتم إزالة الحالة التي عملت على تنشيط الرسالة. أمثلة لهذا النوع من الرسائل هي الرسالة "Turn Signal On" (إشارات الانعطاف قيد التشغيل) (في حالة ترك إشارات الانعطاف قيد التشغيل) والرسالة "Lights On" (المصابيح مضاءة) (في حالة مغادرة السائق للسيارة).

- **رسائل لا يتم تخزينها حتى تتم إدارة مفتاح التشغيل إلى وضع RUN (الانطلاق)**

تتعامل هذه الرسائل بصورة أساسية مع ميزة بدء تشغيل السيارة عن بُعد. يتم عرض هذا النوع من الرسائل حتى يتم وضع مفتاح التشغيل في وضع RUN (الانطلاق). أمثلة هذا النوع من الرسائل هي الرسالة "Remote Start Aborted - Door Ajar" (تم إيقاف نظام بدء التشغيل عن بُعد - أحد الأبواب مفتوح) والرسالة "Press Brake Pedal and Push Button to Start" (اضغط على دواسة الفرامل واضغط الزر للبدء).

- **رسائل غير مخزنة تعرض لمدة خمس ثوان**

في الظروف المناسبة، يتحكم هذا النوع من الرسائل في منطقة شاشة العرض الرئيسية لمدة خمس ثوان ثم يرجع إلى الشاشة السابقة. مثال لنوع الرسالة هذا، "Automatic High Beams On" (المصابيح الأوتوماتيكية العالية مضاءة).

6. ضوء مؤشر تحذير سرعة مساعد السرعة اليدوي (MSA) - إذا كانت السيارة مزودة بذلك

تعرض هذه المنطقة ضوء مؤشر تحذير سرعة مساعد السرعة اليدوي (MSA).

7. ضبط سرعة وحدة التحكم الإلكتروني في السرعة الثابتة

تعرض هذه السرعة المضبوطة في وحدة التحكم الإلكتروني في السرعة.

إذا ظل الضوء مضاءً عند فصل فرامل التوقف، وكان مستوى السائل عند علامة الاكتمال على خزان الأسطوانة الرئيسية، فإن ذلك يشير إلى احتمال وجود خلل في النظام الهيدروليكي للفرامل أو حدوث مشكلة في معزز الفرامل تم اكتشافها بواسطة نظام الفرامل المانعة للانغلاق (ABS) / نظام التحكم في الاستقرار الإلكتروني (ESC). في هذه الحالة، سيظل المصباح مضاءً حتى يتم إصلاح الخلل. إذا كانت المشكلة متعلقة بمعزز الفرامل، فستعمل مضخة الفرامل المانعة للانغلاق (ABS) عند استخدام الفرامل وقد يتم الشعور باهتزاز دواسة الفرامل خلال كل عملية توقف.

يوفر النظام المزدوج للفرامل سعة كبح احتياطية في حالة عطل أحد أجزاء النظام الهيدروليكي للفرامل. ومن الممكن معرفة وجود عطل في أي جزء من نظام الفرامل المزدوج عندما يضيء ضوء التنبيه إلى نظام الفرامل الذي يدل على انخفاض مستوى سائل الفرامل في الأسطوانة الرئيسية إلى حد معين.

ويستمر الضوء بالإضاءة حتى يتم تصليح العطل.

ملاحظة:

قد يومض الضوء بشكل سريع أثناء مناورات الانعطاف الحادة بسبب حدث تغيرات في مستوى السائل. يجب صيانة السيارة، وفحص مستوى سائل الفرامل.

في حالة أي عطل في الفرامل قم بتصليحه فورًا.

تحذير!

من الخطورة قيادة السيارة عندما يضيء ضوء الفرامل الأحمر. فقد يعني ذلك أن عطلاً ما قد حدث في أحد أجزاء نظام الفرامل. وستحتاج إلى وقت أطول لإيقاف السيارة. مما قد يؤدي إلى وقوع تصادم. افحص الفرامل فورًا.

السيارات المزودة بنظام الفرامل المانعة للانغلاق (ABS) تكون مزودة كذلك بنظام توزيع قوة الفرامل الإلكتروني (EBD). وفي حالة عطل نظام توزيع طاقة الفرامل الإلكتروني (EBD) يضيء ضوء التحذير بشأن الفرامل مع ضوء نظام الفرامل المانعة للانغلاق (ABS). وفي هذه الحالة يجب إصلاح نظام الفرامل المانعة للانغلاق (ABS) فورًا.

ومن الممكن فحص ضوء تحذير الفرامل وذلك بتدوير مفتاح التشغيل من وضع OFF (إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق). مما يؤدي إلى ظهور الضوء لمدة ثانيتين تقريبًا. ويجب أن يختفي الضوء بعد ذلك إلا إذا كانت فرامل التوقف مستخدمة أو إذا كان هناك عطل في الفرامل. وإذا لم يضيء الضوء، فإنه يتعين فحص الضوء من قِبل الوكيل المعتمد.

ويظهر الضوء أيضًا عند استخدام فرامل التوقف وعندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة:

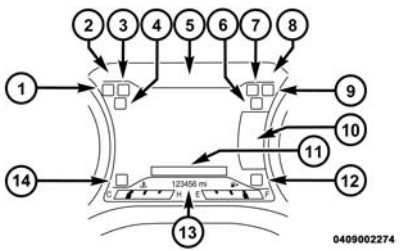
هذا الضوء يبين فقط أن فرامل التوقف مستخدمة. ولا يبين درجة فعالية استخدام الفرامل.

العودة إلى الإعدادات الافتراضية (استعادة جميع الإعدادات إلى الإعدادات الافتراضية)

- موافق
- إلغاء

شاشة عرض معلومات السائق (DID)

توجد شاشات عرض معلومات السائق (DID) في الجزء الأوسط من لوحة أجهزة القياس ويتألف من ثمانية أقسام:



1. ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك

يوفر نظام LaneSense (استشعار الحارة) للسائق تحذيرات عزم التوجيه المرئية عندما تبدأ السيارة في الانحراف دون قصد عن حارة السير الخاصة بها دون استخدام أي من إشارتي الانعطاف.

عندما يتم تشغيل نظام LaneSense (استشعار الحارة) ويكون جاهزًا، تصبح خطوط الحارة ومؤشر LaneSense باللون الرمادي.

عندما يكون نظام LaneSense (استشعار الحارة) قيد التشغيل، تغيير خطوط الحارة إلى اللون الأبيض ويتغير مؤشر LaneSense إلى اللون الأخضر.

عند استشعار نظام LaneSense (استشعار الحارة) لوجود حالة عبور للحارة، يتغير خط حارة الاقتراب ومؤشر LaneSense من الأبيض إلى اللون الأصفر.

لمزيد من المعلومات، راجع "ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك" في "فهم مزايا سيارتك".

2. منطقة شاشة عرض معلومات السائق (DID) القابلة للتحديد

تعرض هذه المنطقة المعلومات القابلة للتحديد (البوصلة، درجة الحرارة، النطاق الذي يمكن قطعه قبل نفاد الوقود، الرحلة، متوسط عدد الأميال لكل جالون أو لتر/100 كم).

3. تعطل فرامل التوقف الإلكتروني

يشير هذا المؤشر إلى تعطل فرامل التوقف الإلكتروني. يُرجى مراجعة الوكيل المعتمد لطلب المساعدة.

4. ضوء تحذير الفرامل

يقوم ضوء تحذير الفرامل بمراقبة وظائف متعددة لنظام الفرامل بما في ذلك مستوى سائل الفرامل واستخدام فرامل التوقف. إذا أضاء مصباح الفرامل، فقد يشير ذلك إلى استخدام فرامل التوقف أو انخفاض مستوى سائل الفرامل أو وجود مشكلة بخزان نظام الفرامل المانعة للانغلاق.

إعداد الشاشة

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Screen Setup Menu (قائمة إعداد الشاشة) في مركز معلومات السيارة الإلكتروني (EVIC). اضغط على زر OK (موافق) وحرره للدخول إلى القوائم الفرعية واتبع المطالبات التي تظهر على الشاشة حسب الحاجة. تتيح لك ميزة Screen Setup (إعداد الشاشة) تغيير أي المعلومات التي يتم عرضها في لوحة أجهزة القياس بالإضافة إلى الموقع الذي يتم عرض المعلومات فيه.

عناصر السائق القابلة للتحديد في إعداد القائمة

أعلى اليسار

- البوصلة
- درجة الحرارة الخارجية (الإعداد الافتراضي)
- الوقت
- النطاق الذي يمكن قطعه قبل نفاد الوقود (RTE)
- معدّل استهلاك الوقود مقدر بالميل لكل جالون / باللتر لكل 100 كم
- استهلاك الوقود الحالي مقدر بالميل لكل جالون / باللتر لكل 100 كم
- لا يوجد

أعلى اليمين

- البوصلة (الإعداد الافتراضي)
- درجة الحرارة الخارجية
- الوقت
- النطاق الذي يمكن قطعه قبل نفاد الوقود (RTE)
- معدّل استهلاك الوقود مقدر بالميل لكل جالون / باللتر لكل 100 كم
- استهلاك الوقود الحالي مقدر بالميل لكل جالون / باللتر لكل 100 كم
- لا يوجد

الوسطى

- عنوان القائمة (الإعداد الافتراضي)
- البوصلة
- درجة الحرارة الخارجية
- الوقت
- النطاق الذي يمكن قطعه قبل نفاد الوقود
- معدّل استهلاك الوقود مقدر بالميل لكل جالون / باللتر لكل 100 كم
- استهلاك الوقود الحالي مقدر بالميل لكل جالون / باللتر لكل 100 كم
- الرحلة أ
- الرحلة ب
- معلومات عن الصوت
- لا يوجد

- تحذير الاقتراب لوحدة التحكم في السرعة الثابتة المهايئة (ACC)
- تحذير وحدة التحكم في السرعة الثابتة المهايئة (ACC) غير متوفرة
- تعود شاشة عرض معلومات السائق (DID) إلى آخر شاشة محددة بعد 5 ثوان من عدم وجود أي نشاط لشاشة وحدة التحكم في السرعة الثابتة المهايئة (ACC).

للتعرف على مزيد من المعلومات، راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC) - إذا كانت السيارة مزودة بذلك" في "فهم مزايا سيارتك".

نظام LaneSense (استشعار الحارة)

يعرض مركز معلومات السيارة الإلكتروني (EVIC) إعدادات نظام LaneSense (استشعار الحارة) الحالية. تعتمد المعلومات المعروضة على حالة نظام LaneSense (استشعار الحارة) وشروطه التي يجب أن يتم استيفاؤها. لمزيد من المعلومات، راجع "ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك" في "فهم مزايا سيارتك".

ترشيد استهلاك الوقود

اضغط على زر سهم لأعلى أو لأسفل، ثم حرره حتى يتم تمييز عنصر Fuel Economy Menu (قائمة ترشيد استهلاك الوقود). اضغط مطولاً على زر OK (موافق) لإعادة ضبط الميزة.

- النطاق
- معدل ترشيد استهلاك الوقود
- ترشيد استهلاك الوقود الحالي (ميل لكل جالون أو لتر/100 كم)

معلومات الرحلة

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Trip Menu (قائمة الرحلة) في مركز معلومات السيارة الإلكتروني (EVIC) (قم بالتبديل لليمين أو اليسار لتحديد Trip A (الرحلة أ) أو Trip B (الرحلة ب)). ستعرض معلومات Trip (الرحلة) الآتي:

- المسافة
- معدل ترشيد استهلاك الوقود
- الوقت المنقضي

اضغط مطولاً على زر OK (موافق) لإعادة معلومات الميزة.

الصوت

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز رمز Audio (الصوت) في مركز معلومات السيارة الإلكتروني (EVIC).

الرسائل المخزنة

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Messages Menu (قائمة الرسائل) في مركز معلومات السيارة الإلكتروني (EVIC). تعرض هذه الميزة عدد رسائل التحذير المخزنة. سيتيح لك الضغط على زر سهم لليمين رؤية ما هي الرسائل المخزنة.

راجع "نظام مراقبة ضغط الإطارات (TPMS)" الموجود ضمن "البدء والتشغيل" لمزيد من المعلومات.

Coolant Temperature (درجة حرارة سائل التبريد)

Transmission Temp (درجة حرارة ناقل الحركة)

Oil Temp (درجة حرارة الزيت)

Oil Life (العمر الافتراضي للزيت)

Battery Voltage (فولتية البطارية)

مساعد السائق

قائمة وحدة التحكم في السرعة الثابتة المهايئة (ACC)

يعرض مركز معلومات السيارة الإلكتروني (EVIC) إعدادات نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) الحالية. وتعتمد المعلومات التي يعرضها على حالة نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) (الموجود بعجلة القيادة) حتى يتم عرض أي مما يلي في مركز معلومات السيارة الإلكتروني (EVIC):

إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة

عند إلغاء تنشيط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ستعرض الشاشة "Adaptive Cruise Control Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة).

وحدة التحكم في السرعة الثابتة المهايئة جاهزة

عند تنشيط وحدة التحكم في السرعة الثابتة المهايئة مع عدم اختيار إعداد سرعة السيارة، فستعرض الشاشة "Adaptive Cruise Control Ready" (وحدة التحكم في السرعة الثابتة المهايئة جاهزة).

اضغط على زر SET + (الضبط +) أو SET- (الضبط -) (الموجود بعجلة القيادة) ثم حرره وسوف يُعرض ما يلي في مركز معلومات السيارة الإلكتروني (EVIC):

تم ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)

عند ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، سوف تعرض السرعة المضبوطة في مجموعة أجهزة القياس.

قد تظهر شاشة وحدة التحكم في السرعة الثابتة المهايئة (ACC) مرة أخرى إذا حدث أي نشاط لوحدة التحكم في السرعة الثابتة المهايئة (ACC)، والذي قد يتضمن أيًا مما يلي:

- تغيير إعداد المسافة
- إلغاء النظام
- تجاوز السائق
- إيقاف تشغيل النظام

- **مؤشر سائل الغاسلة**

يظهر هذا المؤشر للإشارة إلى أن مستوى سائل غاسلة الزجاج الأمامي منخفض.

- **غطاء فتحة تعبئة الوقود غير محكم الغلق**

سوف يضيء هذا المؤشر ليشير إلى أن غطاء فتحة تعبئة الوقود قد يكون غير محكم الغلق.

عناصر قائمة مركز معلومات السيارة الإلكتروني (EVIC) القابلة للتحديد

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز رمز القائمة القابل للتحديد المطلوب في مركز معلومات السيارة الإلكتروني (EVIC).

عداد السرعة

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Speedometer Menu (قائمة عداد السرعة) في مركز معلومات السيارة الإلكتروني (EVIC). اضغط على زر OK (موافق) لتغيير مقياس عداد السرعة من ميل/الساعة إلى كم/ساعة (أو العكس).

Vehicle Info (معلومات السيارة) (ميزات معلومات العميل)

اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز عنصر Vehicle Info Menu (قائمة معلومات السيارة) في مركز معلومات السيارة الإلكتروني (EVIC). اضغط على زر السهم لليمين/لليسار للتنقل بين القوائم الفرعية Vehicle Info (معلومات السيارة)، ثم اتبع المطالبات التي تظهر على كل شاشة حسب الحاجة.

Tire Pressure (ضغط الإطارات)

اضغط على زر سهم لأعلى أو لأسفل ثم حرره حتى يتم تمييز "Tire Pressure" (ضغط الإطار) في مركز معلومات السيارة الإلكتروني (EVIC). اضغط على زر سهم لليمين وحرره وسيتم عرض أحد الإجراءات التالية:

إذا كان ضغط الإطار جيدًا لجميع الإطارات، فسيتم عرض رمز سيارة مع عرض قيم ضغط الإطارات في كل ركن من أركان الرمز.

في حالة انخفاض ضغط إطار أو أكثر، تظهر الرسالة "Inflate Tire To XX" (نفخ الإطار إلى XX) مع رمز السيارة مع ظهور قيم ضغط الإطارات في كل زاوية من الرمز مع ظهور قيمة ضغط الإطار المنخفض بلون مختلف عن قيم ضغط الإطارات الأخرى.

إذا كان نظام ضغط الإطارات يتطلب الصيانة، فسيتم عرض الرسالة "Service Tire Pressure System" (نظام مراقبة ضغط الإطارات يحتاج للصيانة).

وظيفة معدل ضغط الإطارات هي وظيفة معلومات فقط ولا يمكن إعادة ضبطها. اضغط على زر سهم لليسار وحرره للرجوع إلى القائمة الرئيسية.

أضواء الإشارة الصفراء بمركز معلومات السيارة الإلكتروني (EVIC)

ستعرض هذه المنطقة أضواء الإشارة الصفراء التحذيرية والقابلة للتكوين. وتشمل أضواء الإشارة هذه:

- **مؤشر التصادم الأمامي**

يضيء هذا المؤشر لتحذيرك من التصادم المحتمل مع السيارة التي أمامك.

- **ضوء مؤشر نظام صيانة الإيقاف/البدء — إذا كانت السيارة مزودة بذلك**

يضيء هذا المؤشر للإشارة إلى أن نظام Stop/Start (إيقاف/بدء التشغيل) لا يعمل بشكل صحيح وتلزم صيانته.

- **مؤشر صيانة وحدة التحكم في السرعة الثابتة المهايئة**

يظهر هذا الضوء عندما لا تعمل وحدة التحكم في السرعة الثابتة المهايئة (ACC) وتحتاج إلى الصيانة. راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC)" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

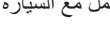
- **ضوء إشارة انخفاض مستوى الوقود**

عندما يصل مستوى الوقود إلى ما يقرب من 11.0 لترًا (3.0 جالونات)، يضيء هذا الضوء ويبقى مضاءً حتى يعاد تزويد السيارة بالوقود.

- **مؤشر تحذير ارتفاع درجة حرارة ناقل الحركة - إذا كانت السيارة مزودة بذلك**

يشير هذا المؤشر إلى ارتفاع درجة حرارة سائل ناقل الحركة. وقد يحدث ذلك كنتيجة للاستخدام الشاق كما هو الحال عند سحب مقطورة. عند إضاءة هذا المؤشر، تحرك بأمان بالسيارة إلى جانب الطريق وقم بإيقافها. انقل بعد ذلك ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) وقم بتشغيل المحرك على سرعة التباطؤ أو سرعة أكبر حتى ينطفئ الضوء.

- **مؤشر صيانة الدفع الرباعي**



إذا ظل الضوء قيد التشغيل أو أضاء أثناء القيادة، فإن ذلك يعني أن نظام الدفع الرباعي لا يعمل بشكل صحيح ويلزم صيانته. ننصحك بالقيادة إلى أقرب مركز خدمة وصيانة السيارة على الفور.

- **مؤشر تعطل نظام LaneSense (استشعار الحارة)**

يضيء هذا المؤشر للإشارة إلى اكتشاف نظام LaneSense Departure (مغادرة استشعار الحارة) وجود عطل.

- **مؤشر قفل محور الدوران الخلفي**

يظهر هذا الضوء عند تنشيط قفل المحور الخلفي.

- **ضوء تحذيري بشأن ضغط الزيت**

يشير هذا المؤشر إلى انخفاض ضغط زيت المحرك. وإذا ظهر الضوء أثناء القيادة، فأوقف السيارة وأوقف تشغيل المحرك في أسرع وقت ممكن. وستسمع طنينًا عند ظهور هذا الضوء.

لا تقم بتشغيل السيارة إلا بعد تصليح العطل. ولا يشير هذا الضوء إلى كمية الزيت في المحرك. لذا يجب فحص مستوى زيت المحرك في حجرة المحرك.

- **ضوء نظام التحكم الإلكتروني في صمام الاختناق (ETC)**

يخبرك هذا الضوء بوجود مشكلة في نظام التحكم الإلكتروني في صمام الاختناق (ETC). سيضيء المصباح عند إدارة مفتاح التشغيل إلى وضع التشغيل لأول مرة، ويظل مضاءً لفترة وجيزة كإجراء للتحقق من المصباح. إذا لم يضيء الضوء أثناء بدء التشغيل، فافحص النظام لدى الوكيل المعتمد.

في حالة اكتشاف مشكلة، يضيء الضوء أثناء تشغيل المحرك. أدر مفتاح التشغيل عند توقف السيارة بالكامل وضع ذراع النقل في وضع PARK (التوقف). يجب أن يتوقف تشغيل الضوء.

إذا بقي الضوء مضاءً أثناء عمل المحرك، ففي الغالب يمكنك قيادة السيارة. ومع ذلك عليك بمراجعة الوكيل المعتمد للحصول على الصيانة في أقرب وقت. إذا كان الضوء يومض أثناء تشغيل المحرك، فيجب إجراء الصيانة الفورية. قد تشعر بانخفاض الأداء وتباطؤ متصاعد/صعب أو توقف مفاجئ للمحرك، وحينها قد تحتاج سيارتك للسحب.

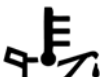
- **ضوء تحذير تعطل التوجيه المعزز كهربيًا**

يعمل هذا المؤشر عندما لا يعمل التوجيه المعزز كهربيًا وعندما يكون بحاجة إلى الصيانة.

- **ضوء تحذيري بشأن الوسادة الهوائية**

سيضيء هذا الضوء لمدة تتراوح بين 4 و8 ثوان كنوع من الاختبار باستخدام مصباح بعد وضع قرص التشغيل في وضع ON/RUN (التشغيل/الانطلاق) لأول مرة. إذا لم يضيء هذا الضوء عند بدء التشغيل أو إذا استمر في الإضاءة أو إذا ظهر أثناء القيادة، فيجب فحص النظام لدى الوكيل المعتمد في أقرب وقت ممكن. راجع "أنظمة تثبيت الركاب" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" للحصول على مزيد من المعلومات.

- **ضوء تحذير درجة حرارة الزيت**



يشير هذا المؤشر إلى ارتفاع درجة حرارة زيت المحرك. وإذا ظهر الضوء أثناء القيادة، فأوقف السيارة وأوقف تشغيل المحرك في أسرع وقت ممكن.

- **ضوء تحذير فتح باب المؤخرة**

يضيء هذا المؤشر عندما يتم فصل فرامل المقطورة.

وما لم تتم إعادة الضبط فإن هذه الرسالة تستمر في العرض في كل مرة تدير فيها مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق). لإيقاف عرض الرسالة مؤقتًا، اضغط على زر OK (موافق) وحرره. لإعادة ضبط نظام مؤشر تغيير الزيت (بعد تنفيذ الصيانة الدورية)، نفذ الإجراء التالي.

1. دون الضغط على دواسة الفرامل، اضغط على زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) وقم بإدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل الانطلاق) (لا تبدأ تشغيل المحرك.)
2. اضغط بالكامل على دواسة الوقود ببطء لثلاثة مرات في غضون 10 ثوان.
3. دون الضغط على دواسة الفرامل، اضغط على زر ENGINE START/STOP (بدء/إيقاف المحرك) وقم بإدارة مفتاح التشغيل إلى وضع OFF/LOCK (إيقاف التشغيل/القفل).

ملاحظة: إذا أضاءت رسالة المؤشر عند بدء تشغيل السيارة، فإن ذلك يعني عدم إعادة ضبط نظام مؤشر تغيير الزيت. كرر الإجراء السابق إذا لزم الأمر.

أضواء الإشارة الحمراء القابلة لإعادة التكوين بمركز معلومات السيارة الإلكتروني (EVIC)

تعرض هذه المنطقة أضواء الإشارات الحمراء القابلة لإعادة التكوين. وتشمل أضواء الإشارة هذه:

- **مصباح شحن النظام**

يشير هذا المصباح إلى حالة نظام الشحن الكهربي. إذا استمر الضوء مضاءً أو أضاء أثناء القيادة، فأوقف تشغيل بعض الأجهزة الكهربية غير المهمة بالسيارة أو قم بزيادة سرعة المحرك (إذا كان على سرعة التباطؤ). إذا ظل ضوء نظام الشحن مضاءً، فهذا يعني أن السيارة بها مشكلة في نظام الشحن. استدع الخدمة فورًا. راجع وكيل معتمد.

إذا كان من الضروري تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة، فراجع "إجراءات تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة" في "ما يجب أن تفعله في الحالات الطارئة".

- **المحرك ضوء تحذير درجة الحرارة**

ينبه هذا الضوء إلى ارتفاع حرارة المحرك. مع ارتفاع درجة الحرارة واقتراب المقياس من النقطة **H**، يضئ هذا المؤشر وتصدر إشارة صوتية واحدة بعد الوصول إلى الحد الذي تم ضبطه. وتتسبب السخونة المفرطة في تجاوز مقياس درجة الحرارة للنقطة **H** وستصدر إشارة صوتية متتابعة حتى يتم السماح للمحرك بأن يبرد.

عند إضاءة الضوء أثناء القيادة، تحرك بأمان بالسيارة إلى جانب الطريق وقم بإيقافها. إذا كان نظام مكيف الهواء في وضع التشغيل، فأوقف تشغيله. انقل أيضًا ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) واجعل السيارة في حالة تباطؤ. إذا لم تعد قراءة درجة الحرارة إلى الوضع الطبيعي، فأوقف تشغيل المحرك على الفور واتصل بالصيانة. راجع "إذا ارتفعت درجة حرارة المحرك" في "ما يجب أن تفعله في الحالات الطارئة" للحصول على المزيد من المعلومات.

- **أحد الأبواب مفتوح**

يظهر هذا الضوء للإشارة إلى أن أحد الأبواب أو أكثر قد يكون مفتوحًا.

14. ضوء مؤشر 4WD LOW (الدفع الرباعي المنخفض) - إذا كانت السيارة مزودة بذلك

ينبه هذا الضوء السائق بأن السيارة في وضع LOW 4 (الدفع الرباعي المنخفض). يتم قفل عمودي التوجيه الأمامي والخلفي ميكانيكيًا لإجبار العجلات الأمامية والخلفية على الدوران بنفس السرعة. يوفر النطاق المنخفض نسبة أعلى لتخفيض التروس من أجل زيادة قوة العزم للعجلات.

لمزيد من المعلومات حول تشغيل الدفع الرباعي والاستخدام الصحيح له، راجع "تشغيل نظام الدفع الرباعي" في "البدء والتشغيل".

15. ضوء مؤشر SERV 4WD (صيانة الدفع الرباعي) - إذا كانت السيارة مزودة بذلك

ينبه هذا الضوء السائق بأن الدفع الرباعي في حاجة إلى صيانة. في حالة إضاءة هذا الضوء، راجع الوكيل المعتمد بأسرع ما يمكن.

16. مقياس درجة الحرارة

يدل مقياس درجة الحرارة على درجة حرارة سائل تبريد المحرك. فإذا كان مكان المؤشر في المدى الطبيعي، فسوف يدل ذلك على أن نظام تبريد المحرك يعمل بصورة صحيحة.

وقد يدل مؤشر المقياس إلى درجات حرارة أعلى من المعدل عند القيادة في طقس حار وعند تسلق المرتفعات أو عند سحب المقطورات. ويجب عدم السماح بأن يتجاوز المؤشر الحدود القصوى لدرجة حرارة التشغيل الطبيعية.

تنبيه!

إن قيادة السيارة عندما يكون نظام تبريد المحرك ساخنًا يمكن أن يلحق الضرر بسيارتك. إذا كان جهاز قياس درجة الحرارة في وضع الحرارة العالية "H"؛ فيجب التوقف عن القيادة وإيقاف السيارة. أوقف السيارة وأوقف تشغيل جهاز مكيف الهواء حتى يهبط المؤشر إلى النطاق العادي. إذا بقي المؤشر في وضع الحرارة العالية "H" وسمعت طنينًا مستمرًا، فأطفئ المحرك فورًا واتصل بالصيانة لدى الوكيل المعتمد.

تحذير!

يشكل ارتفاع حرارة نظام تبريد المحرك خطورة بالغة. وقد يسبب لك وللآخرين حروقًا بالبخار أو السائل الساخن جدًا إلى درجة الغليان. ربما ترغب بالاتصال بالوكيل المعتمد من أجل الصيانة إذا ارتفعت درجة حرارة السيارة. وإذا قررت النظر تحت غطاء المحرك بنفسك، فقم بالاطلاع على "صيانة سيارتك". اتبع التحذيرات الواردة في الفقرة الخاصة بغطاء ضغط نظام تبريد المحرك.

إعادة ضبط تغيير الزيت

Oil Change Due (يلزم تغيير الزيت)

إن سيارتك مزودة بنظام مؤشر تغيير زيت المحرك. تظهر رسالة "Oil Change Due" (يلزم تغيير الزيت) في مركز معلومات السيارة الإلكتروني (EVIC) لمدة خمس ثوان بعد إصدار إشارة صوتية واحدة للإشارة إلى موعد تغيير الزيت الدوري التالي. يستند نظام مؤشر تغيير زيت المحرك على دورة الخدمة، ويعني ذلك أن موعد تغيير زيت المحرك يختلف وفقًا لنمط القيادة الشخصي.

• **ضوء تحذيري بشأن ضغط الزيت**

يشير هذا الضوء إلى انخفاض ضغط زيت المحرك. يظهر هذا الضوء لمدة وجيزة عند تشغيل المحرك. وإذا ظهر الضوء أثناء القيادة، فأوقف السيارة وأوقف تشغيل المحرك في أسرع وقت ممكن. وستسمع طنينًا عند ظهور هذا الضوء.

لا تقم بتشغيل السيارة إلا بعد تصليح العطل. ولا يشير هذا الضوء إلى كمية الزيت في المحرك. لذا يجب فحص مستوى زيت المحرك في حجرة المحرك.

• **مصباح شحن النظام**

يشير هذا المصباح إلى حالة نظام الشحن الكهربي. إذا استمر الضوء مضاءً أو أضاء أثناء القيادة، فأوقف تشغيل بعض الأجهزة الكهربية غير المهمة بالسيارة أو قم بزيادة سرعة المحرك (إذا كان على سرعة التباطؤ). إذا ظل ضوء نظام الشحن مضاءً، فهذا يعني أن السيارة بها مشكلة في نظام الشحن. استدع الخدمة فورًا. راجع وكيل معتمد.

إذا كان من الضروري تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة، فراجع "إجراءات تشغيل سيارة ذات بطارية ضعيفة باستخدام بطارية معززة" في "ما يجب أن تفعله في الحالات الطارئة".

• **ضوء نظام التحكم الإلكتروني في صمام الاختناق (ETC)**

يخبرك هذا الضوء بوجود مشكلة في نظام التحكم الإلكتروني في صمام الاختناق (ETC). سيضيء المصباح عند إدارة مفتاح التشغيل إلى وضع التشغيل لأول مرة، ويظل مضاءً لفترة وجيزة كإجراء للتحقق من المصباح. إذا لم يضيء الضوء أثناء بدء التشغيل، فافحص النظام لدى الوكيل المعتمد.

في حالة اكتشاف مشكلة، يضيء الضوء أثناء تشغيل المحرك. أدر مفتاح التشغيل عند توقف السيارة بالكامل وضع ذراع النقل في وضع PARK (التوقف). يجب أن يتوقف تشغيل الضوء.

إذا بقي الضوء مضاءً أثناء عمل المحرك، ففي الغالب يمكنك قيادة السيارة. ومع ذلك عليك بمراجعة الوكيل المعتمد للحصول على الصيانة في أقرب وقت. إذا كان الضوء يومض أثناء تشغيل المحرك، فيجب إجراء الصيانة الفورية. قد تشعر بانخفاض الأداء وتباطؤ متصاعد/صعب أو توقف مفاجئ للمحرك، وحينها قد تحتاج سيارتك للسحب.

• **ضوء تحذير درجة حرارة الزيت**

يشير هذا المؤشر إلى ارتفاع درجة حرارة زيت المحرك. وإذا ظهر الضوء أثناء القيادة، فأوقف السيارة وأوقف تشغيل المحرك في أسرع وقت ممكن.

• **ضوء تحذيري ثانوي بشأن الوسادة الهوائية**

إذا أضاء الضوء أثناء القيادة، فيجب فحص النظام لدى الوكيل المعتمد في أقرب وقت ممكن. راجع "أنظمة تثبيت الركاب" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" للحصول على مزيد من المعلومات.

- **مؤشر التحكم في تحديد السرعة - إذا كانت السيارة مزودة بذلك**

يضيء الرمز ويصبح نشطًا فقط في نطاق 4WD Low (الدفع الرباعي المنخفض) عند تحديد إما مفتاح HDC (التحكم في النزول من على المرتفعات) في لوحة مجموعة أجهزة القياس أو وضع ROCK (الصخور) عند اختيار الوضع Selec-Terrain (التضاريس المحددة). إذا لم تكن علبة النقل في نطاق 4WD Low (الدفع الرباعي المنخفض)، فسيتم عرض الرسالة التالية "Selec-Speed Unavailable" (التحكم في تحديد السرعة غير متاح).

- **نظام التحكم الإلكتروني في السرعة في وضع التشغيل**

يضئ هذا الضوء عند ضبط مفتاح التحكم الإلكتروني في السرعة على وضع ON (التشغيل). لمزيد من المعلومات، راجع "التحكم الإلكتروني في السرعة" في "فهم مزايا سيارتك".

- **نظام التحكم الإلكتروني في السرعة في وضع الضبط**

يضئ هذا الضوء عند ضبط مفتاح التحكم الإلكتروني في السرعة على وضع SET (الضبط). لمزيد من المعلومات، راجع "التحكم الإلكتروني في السرعة" في "فهم مزايا سيارتك".

13. شاشة عرض المؤشر الأحمر القابل لإعادة التكوين

- **زيادة درجة حرارة نظام التوجيه العامل بالطاقة - إذا كانت السيارة مزودة بذلك**

في حالة ظهور الرسالة "POWER STEERING SYSTEM OVER TEMP" (زيادة درجة حرارة نظام التوجيه المعزز) والرمز على شاشة مركز معلومات السيارة الإلكتروني (EVIC)، فهذا يعني أنه ربما تم القيام بمناورات توجيه شديدة، مما تسبب في حالة ارتفاع درجة الحرارة في نظام التوجيه المعزز. ستفقد مساعدة التوجيه المعزز بشكل مؤقت حتى تختفي حالة ارتفاع درجة الحرارة. عندما تكون ظروف القيادة آمنة، أوقف السيارة واتركهادائرة في حالة تباطؤ. بعد خمس دقائق، يبرد النظام ويعود إلى ظروف التشغيل العادي. راجع "التوجيه المعزز" في "البدء والتشغيل" لمزيد من المعلومات.

ملاحظة:

- **وحتى في حالة عدم عمل مساعدة التوجيه المعزز، يمكن توجيه السيارة. وفي ظل هذه الظروف، سيتطلب الأمر بذل مجهود أكبر لتوجيه السيارة وخاصة في سرعات بطيئة جدًا أو عند مناورات التوقف.**
- **إذا استمرت الحالة، فراجع الوكيل المعتمد للحصول على الصيانة.**
- **أحد الأبواب مفتوح**

يظهر هذا الضوء للإشارة إلى أن أحد الأبواب أو أكثر قد يكون مفتوحًا.

- **باب المؤخرة مفتوح**

يظهر هذا الضوء للإشارة إلى أن باب المؤخرة قد يكون مفتوحًا.

تحذير!

في حالة متابعة تشغيل السيارة مع إضاءة ضوء تحذير درجة حرارة ناقل الحركة فقد تتسبب في غليان السائل ومن ثم ملامسته للمحرك الساخن أو مكونات نظام العادم مما قد يتسبب في نشوب حريق.

- **مؤشر مستوى سائل التبريد منخفض**

يظهر هذا المؤشر للإشارة إلى أن مستوى سائل تبريد السيارة منخفض.

- **مؤشر انخفاض سائل غاسلة الزجاج الأمامي**

يظهر هذا المؤشر للإشارة إلى أن مستوى سائل غاسلة الزجاج الأمامي منخفض.

- **خلل في وحدة التحكم في السرعة الثابتة المهايئة (ACC)**

يظهر هذا الضوء عندما لا تعمل وحدة التحكم في السرعة الثابتة المهايئة (ACC) وتحتاج إلى الصيانة. راجع "وحدة التحكم في السرعة الثابتة المهايئة (ACC)" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

- **خدمة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك**

سوف يظهر هذا المؤشر للإشارة إلى أن نظام Lane Sense Departure (استشعار مغادرة الحارة) قد اكتشف وجود عطل.

- **مؤشر رسالة عدم ربط غطاء فتحة تعبئة الوقود**

يضيء هذا المؤشر للإشارة إلى أن غطاء فتحة تعبئة الوقود غير محكم الغلق.

10. ضوء مؤشر تحذير سرعة مساعد السرعة اليدوي (MSA) - إذا كانت السيارة مزودة بذلك

تعرض هذه المنطقة ضوء مؤشر تحذير سرعة مساعد السرعة اليدوي (MSA).

11. ضبط سرعة وحدة التحكم الإلكتروني في السرعة الثابتة

تعرض هذه السرعة المضبوطة في وحدة التحكم الإلكتروني في السرعة.

12. منطقة أضواء المؤشر القابلة للتكوين

- **مؤشر النزول من على المرتفعات - إذا كانت السيارة مزودة بذلك**

يضيء الرمز (قيد التشغيل) عند تنشيط مفتاح 4WD Low (الدفع الرباعي المنخفض) وعندما يكون مؤشر نطاق ناقل الحركة في وضع LOW (منخفض) أو وضع REVERSE (الرجوع للخلف) (وضع الطرق غير الممهدة).

- **رسائل غير مخزنة تعرض لمدة خمس ثوان**

في الظروف المناسبة، يتحكم هذا النوع من الرسائل في منطقة شاشة العرض الرئيسية لمدة خمس ثوان ثم يرجع إلى الشاشة السابقة. مثال لنوع الرسالة هذا: "Automatic High Beams On" (المصابيح الأوتوماتيكية العالية مضاءة).

5. ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك

يوفر نظام LaneSense (استشعار الحارة) للسائق تحذيرات عزم التوجيه المرئية عندما تبدأ السيارة في الانحراف دون قصد عن حارة السير الخاصة بها دون استخدام أي من إشارتي الانعطاف.

عندما يتم تشغيل نظام LaneSense (استشعار الحارة) ويكون جاهزًا، تصبح خطوط الحارة ومؤشر LaneSense باللون الرمادي.

عندما يكون نظام LaneSense (استشعار الحارة) قيد التشغيل، تغيير خطوط الحارة إلى اللون الأبيض ويتغير مؤشر LaneSense إلى اللون الأخضر.

عند استشعار نظام LaneSense (استشعار الحارة) لوجود حالة عبور للحارة، يتغير خط حارة الاقتراب ومؤشر LaneSense من الأبيض إلى اللون الأصفر.

لمزيد من المعلومات، راجع "ميزة LaneSense (استشعار الحارة) - إذا كانت السيارة مزودة بذلك" في "فهم مزايا سيارتك".

6. مقياس الوقود

يعرض مقياس الوقود مستوى الوقود في الخزان عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

7. ضوء إشارة انخفاض مستوى الوقود

عندما يصل مستوى الوقود إلى ما يقرب من 11.0 لترًا (3.0 جالونات)، يضيء هذا الضوء ويبقى مضاءً حتى يعاد تزويد السيارة بالوقود.

8. مؤشر قفل محور الدوران الخلفي - إذا كانت السيارة مزودة بذلك

يظهر هذا الضوء عند تنشيط قفل المحور الخلفي.

9. شاشة عرض المؤشر الأصفر القابل لإعادة التكوين

- **مصباح تحذير درجة حرارة ناقل الحركة**

يشير هذا الضوء إلى أن ارتفاع درجة حرارة سائل ناقل الحركة بصورة زائدة والذي قد يحدث عند الاستخدام الشاق للسيارة مثل سحب مقطورة. قد يحدث ذلك أيضًا عند تشغيل السيارة في ظروف انزلاق محول ذو عزم عالي، مثل التشغيل في وضع الدفع الرباعي (على الطرق غير الممهدة أو لجرف الثلج). إذا أضاء هذا الضوء، فقم بإيقاف السيارة وتشغيل المحرك على سرعة التباطؤ أو أسرع من ذلك مع وجود ناقل الحركة في وضع NEUTRAL (اللاتعشيق) حتى ينطفئ الضوء.

تنبيه!

ستؤدي القيادة المستمرة مع إضاءة ضوء التحذير الخاص بدرجة حرارة ناقل الحركة إلى التسبب في إلحاق تلف خطير بناقل الحركة أو تعطله عن التشغيل.

3. المحرك ضوء تحذير درجة الحرارة

ينبه هذا الضوء إلى ارتفاع حرارة المحرك. مع ارتفاع درجة الحرارة واقتراب المقياس من النقطة **H**، يضئ هذا المؤشر وتصدر إشارة صوتية واحدة بعد الوصول إلى الحد الذي تم ضبطه.

عند إضاءة الضوء أثناء القيادة، تحرك بأمان بالسيارة إلى جانب الطريق وقم بإيقافها. إذا كان نظام مكيف الهواء في وضع التشغيل، فأوقف تشغيله. انقل أيضًا ناقل الحركة إلى وضع NEUTRAL (اللاتعشيق) واجعل السيارة في حالة تباطؤ. إذا لم تعد قراءة درجة الحرارة إلى الوضع الطبيعي، فأوقف تشغيل المحرك على الفور واتصل بالصيانة. راجع "إذا ارتفعت درجة حرارة المحرك" في "ما يجب أن تفعله في الحالات الطارئة" للحصول على المزيد من المعلومات.

4. منطقة شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)

ستعرض منطقة شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC) القائمة الرئيسية أو شاشات الميزة المحددة في القائمة الرئيسية بصورة عادية. تعرض منطقة شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC) الرسائل "المنبثقة" التي تتألف تقريبًا من 60 إنذار محتمل أو رسائل المعلومات. تندرج رسائل المعلومات المنبثقة هذه في عدة فئات:

- **رسائل مخزنة لمدة خمس ثوان**

في الظروف المناسبة، يتحكم هذا النوع من الرسائل في منطقة شاشة العرض الرئيسية لمدة خمس ثوان ثم يرجع إلى الشاشة السابقة. يتم عندئذ تخزين معظم الرسائل من هذا النوع (طالما ظلت الحالة التي قامت بتفعيلها نشطة) ويمكن مراجعتها في عنصر "Messages" (الرسائل) في القائمة الرئيسية. وطالما كانت هناك رسالة مخزنة، يتم عرض رمز "i" في خط البوصلة/ درجة الحرارة الخارجية من شاشة مركز معلومات السيارة الإلكتروني (EVIC). أمثلة هذا النوع من الرسائل هي: "Right Front Turn Signal Lamp Out" (مصباح إشارة الانعطاف الأمامية اليمنى مطفأة) "Low Tire Pressure" (ضغط الإطارات منخفض).

- **رسائل لا يتم تخزينها**

يتم عرض هذا النوع من الرسائل بصورة دائمة أو حتى يتم إزالة الحالة التي عملت على تنشيط الرسالة. أمثلة لهذا النوع من الرسائل هي: "Turn Signal On" (إشارات الانعطاف قيد التشغيل) (في حالة ترك إشارات الانعطاف قيد التشغيل) والرسالة "Lights On" (المصابيح مضاءة) (في حالة مغادرة السائق للسيارة).

- **رسائل لا يتم تخزينها حتى تتم إدارة مفتاح التشغيل إلى وضع RUN (الانطلاق)**

تتعامل هذه الرسائل بصورة أساسية مع ميزة بدء تشغيل السيارة عن بُعد. يتم عرض هذا النوع من الرسائل حتى يتم وضع مفتاح التشغيل في وضع RUN (الانطلاق). أمثلة هذا النوع من الرسائل هي: "Remote Start Aborted - Door Ajar" (تم إيقاف نظام بدء التشغيل عن بُعد - أحد الأبواب مفتوح) والرسالة "Press Brake Pedal and Push Button to Start" (اضغط على دواسة الفرامل واضغط الزر للبدء).

2. ضوء تحذير الفرامل

يقوم ضوء تحذير الفرامل بمراقبة وظائف متعددة لنظام الفرامل بما في ذلك مستوى سائل الفرامل واستخدام فرامل التوقف. إذا أضاء مصباح الفرامل، فقد يشير ذلك إلى استخدام فرامل التوقف أو انخفاض مستوى سائل الفرامل أو وجود مشكلة بخزان نظام الفرامل المانعة للانغلاق.

إذا ظل الضوء مضاءً عند فصل فرامل التوقف، وكان مستوى السائل عند علامة الاكتمال على خزان الأسطوانة الرئيسية، فإن ذلك يشير إلى احتمال وجود خلل في النظام الهيدروليكي للفرامل أو حدوث مشكلة في معزز الفرامل تم اكتشافها بواسطة نظام الفرامل المانعة للانغلاق (ABS) / نظام التحكم في الاستقرار الإلكتروني (ESC). في هذه الحالة، سيظل المصباح مضاءً حتى يتم إصلاح الخلل. إذا كانت المشكلة متعلقة بمعزز الفرامل، فستعمل مضخة الفرامل المانعة للانغلاق (ABS) عند استخدام الفرامل وقد يتم الشعور باهتزاز دواسة الفرامل خلال كل عملية توقف.

يوفر النظام المزدوج للفرامل سعة كبح احتياطية في حالة عطل أحد أجزاء النظام الهيدروليكي للفرامل. ومن الممكن معرفة وجود عطل في أي جزء من نظام الفرامل المزدوج عندما يضيء ضوء التنبيه إلى نظام الفرامل الذي يدل على انخفاض مستوى سائل الفرامل في الأسطوانة الرئيسية إلى حد معين.

ويستمر الضوء بالإضاءة حتى يتم تصليح العطل.

ملاحظة:

قد يومض الضوء بشكل سريع أثناء مناورات الانعطاف الحادة بسبب حدث تغيرات في مستوى السائل. يجب صيانة السيارة، وفحص مستوى سائل الفرامل.

في حالة أي عطل في الفرامل قم بتصليحه فورًا.

تحذير!

من الخطورة قيادة السيارة عندما يضيء ضوء الفرامل الأحمر. فقد يعني ذلك أن عطلاً ما قد حدث في أحد أجزاء نظام الفرامل. وستحتاج إلى وقت أطول لإيقاف السيارة. مما قد يؤدي إلى وقوع تصادم. افحص الفرامل فورًا.

السيارات المزودة بنظام الفرامل المانعة للانغلاق (ABS) تكون مزودة كذلك بنظام توزيع قوة الفرامل الإلكتروني (EBD). وفي حالة عطل نظام توزيع طاقة الفرامل الإلكتروني (EBD) يضيء ضوء التحذير بشأن الفرامل مع ضوء نظام الفرامل المانعة للانغلاق (ABS). وفي هذه الحالة يجب إصلاح نظام الفرامل المانعة للانغلاق (ABS) فورًا.

ومن الممكن فحص ضوء تحذير الفرامل وذلك بتدوير مفتاح التشغيل من وضع OFF (إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق). مما يؤدي إلى ظهور الضوء لمدة ثانيتين تقريبًا. ويجب أن يختفي الضوء بعد ذلك إلا إذا كانت فرامل التوقف مستخدمة أو إذا كان هناك عطل في الفرامل. وإذا لم يضيء الضوء، فإنه يتعين فحص الضوء من قِبل الوكيل المعتمد.

ويظهر الضوء أيضًا عند استخدام فرامل التوقف وعندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة:

هذا الضوء يبين فقط أن فرامل التوقف مستخدمة. ولا يبين درجة فعالية استخدام الفرامل.

تنبيه!

إن القيادة لفترات طويلة في إضاءة مصباح مؤشر العطل (MIL) قد يتسبب في تلف نظام التحكم في المحرك. كما أن ذلك قد يؤثر أيضًا على معدل ترشيد استهلاك الوقود وإمكانية القيادة. وإذا كان مصباح مؤشر العطل (MIL) يومض؛ فإن ذلك يدل على توقع حدوث تلف في المحول الحفاز وفقد للطاقة في وقت قريب. وبالتالي يتطلب الأمر على الفور إجراء أعمال الخدمة.

تحذير!

يمكن أن يصل المحول الحفاز الذي به خلل، كما هو مشار إليه أعلاه، إلى درجات حرارة أعلى من درجات الحرارة في ظروف التشغيل العادية. يمكن أن يسبب ذلك حريقًا إذا كانت السيارة تسير ببطء أو إذا توقفت فوق مواد قابلة للاشتعال مثل النباتات الجافة أو الخشب أو الكرتون وما إلى ذلك. قد يؤدي ذلك إلى الوفاة أو الإصابة الخطيرة للسائق أو الركاب أو غيرهم.

18. ضوء أمان السيارة

يومض هذا المصباح بشكل سريع لمدة 15 ثانية تقريبًا أثناء تشغيل إنذار أمان السيارة. سيومض المصباح بسرعة أقل وبشكل مستمر بعد ضبط الإنذار. سيضيء مصباح الأمان أيضًا لمدة ثلاث ثوان تقريبًا عند إدارة قرص التشغيل إلى وضع التشغيل لأول مرة.

19. نظام Stop/Start (الإيقاف/بدء التشغيل) - إذا كانت السيارة مزودة بذلك

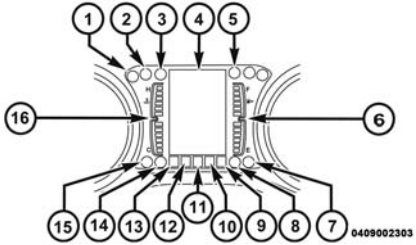
اضغط على زر سهم لأعلى أو سهم لأسفل وحرره حتى يتم تمييز رمز Stop/Start (الإيقاف/بدء التشغيل) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID). اضغط على زر سهم لليمين وحرره لعرض حالة Stop/Start (الإيقاف/بدء التشغيل).

20. مؤشر مصباح الضباب الخلفي

يضيء هذا المؤشر عندما تكون مصابيح الضباب الخلفية مضاءة. (راجع "المصابيح" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات).

مركز معلومات السيارة الإلكتروني (EVIC)

توجد شاشات مركز معلومات السيارة الإلكتروني (EVIC) في الجزء الأوسط من لوحة أجهزة القياس ويتألف من ثمانية أقسام:



1. تعطل فرامل التوقف الإلكتروني — إذا كانت السيارة مزودة بذلك

يشير هذا المؤشر إلى تعطل فرامل التوقف الإلكتروني. يُرجى مراجعة الوكيل المعتمد لطلب المساعدة.

15. مقياس درجة الحرارة

يدل مقياس درجة الحرارة على درجة حرارة سائل تبريد المحرك. فإذا كان مكان المؤشر في المدى الطبيعي، فسوف يدل ذلك على أن نظام تبريد المحرك يعمل بصورة صحيحة.

وقد يدل مؤشر المقياس إلى درجات حرارة أعلى من المعدل عند القيادة في طقس حار وعند تسلق المرتفعات أو عند سحب المقطورات. ويجب عدم السماح بأن يتجاوز المؤشر الحدود القصوى لدرجة حرارة التشغيل الطبيعية.

تنبيه!

إن قيادة السيارة عندما يكون نظام تبريد المحرك ساخنًا يمكن أن يلحق الضرر بسيارتك. إذا كان جهاز قياس درجة الحرارة في وضع الحرارة العالية "H"؛ فيجب التوقف عن القيادة وإيقاف السيارة. أوقف السيارة وأوقف تشغيل جهاز مكيف الهواء حتى يهبط المؤشر إلى النطاق العادي. إذا بقى المؤشر في وضع الحرارة العالية "H" وسمعت طنينًا مستمرًا، فأطفئ المحرك فورًا واتصل بالصيانة لدى الوكيل المعتمد.

تحذير!

يشكل ارتفاع حرارة نظام تبريد المحرك خطورة بالغة. وقد يسبب لك وللآخرين حروقًا بالبخار أو السائل الساخن جدًا إلى درجة الغليان. ربما ترغب بالاتصال بالوكيل المعتمد من أجل الصيانة إذا ارتفعت درجة حرارة السيارة. وإذا قررت النظر تحت غطاء المحرك بنفسك، فقم بالاطلاع على "صيانة سيارتك". اتبع التحذيرات الواردة في الفقرة الخاصة بغطاء ضغط نظام تبريد المحرك.

16. ضوء تحذيري بشأن الوسادة الهوائية

يظهر هذا الضوء لمدة تتراوح بين 4 إلى 8 ثوان كنوع من الاختبار باستخدام المصباح بعد وضع قرص التشغيل في وضع ON/RUN (التشغيل/الانطلاق) لأول مرة. إذا لم يضيء هذا الضوء عند بدء التشغيل أو إذا استمر في الإضاءة أو إذا ظهر أثناء القيادة، فيجب فحص النظام لدى الوكيل المعتمد في أقرب وقت ممكن. راجع "أنظمة تثبيت الركاب" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" للحصول على مزيد من المعلومات.

17. ضوء مؤشر العطل (MIL)

إن ضوء مؤشر العطل (MIL) عبارة عن جزء من نظام تشخيص العطل داخل السيارة الذي يسمى OBD II، والذي يراقب أنظمة التحكم في المحرك وناقل الحركة الأوتوماتيكي. ويضيء الضوء عند وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) قبل تشغيل المحرك. إذا لم يضيء المصباح عند تدوير مفتاح التشغيل من وضع OFF (إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق) ؛ فمن الأفضل فحص للسيارة في أسرع وقت ممكن.

وقد تؤدي بعض الحالات مثل عدم شد غطاء فتحة تعبئة الوقود أو فقدانه أو استخدام نوعية رديئة من الوقود إلى إضاءة الضوء بعد بدء تشغيل المحرك. يجب فحص السيارة إذا ظهر الضوء وبقى مضاءً أثناء قيادة السيارة. وفي أغلب الحالات يمكن قيادة السيارة بصورة عادية وليس من الضروري سحبها.

13. ضوء تحذير مراقبة ضغط الإطارات

يجب فحص كل إطار بما في ذلك الإطار الاحتياطي (إذا كانت السيارة مزودة بذلك) شهريًا عندما تكون الإطارات باردة ومنتفخة إلى ضغط الانتفاخ المُوصى به من الجهة المصنعة للسيارة على ملصق السيارة أو ملصق ضغط انتفاخ الإطار. (إذا كانت سيارتك تحتوي على إطارات بأحجام مختلفة عن تلك المشار إليها على ملصق السيارة أو ملصق ضغط انتفاخ الإطار، فيجب عليك تحديد ضغط انتفاخ الإطار المناسب لهذه الإطارات.)

كميزة أمان إضافية، تم تزويد سيارتك بنظام مراقبة ضغط الإطارات (TPMS) الذي يضيء ضوء تحذير انخفاض ضغط الإطارات عندما يكون مستوى انتفاخ واحد أو أكثر من إطارات سيارتك أقل من مستوى الانتفاخ القياسي بصورة كبيرة. وعلى هذا عند إضاءة إشارة انخفاض ضغط الإطار، يجب عليك التوقف وفحص الإطارات بأسرع ما يمكن ونفخها إلى مستوى الضغط المناسب. إن القيادة في وجود إطار به ضغط منخفض بشكل ملحوظ تسبب زيادة حرارة الإطار وقد تؤدي إلى تعطل الإطار. كما أن انخفاض ضغط الإطار يقلل كفاءة الوقود وعمر مداس الإطار، وقد يؤثر على القدرة على قيادة السيارة وإيقافها.

يُرجى ملاحظة أن نظام مراقبة ضغط الإطارات (TPMS) لا يعد بديلاً عن الصيانة المناسبة للإطار واعلم أنها مسؤولية السائق الحفاظ على ضغط الإطار الصحيح حتى إذا لم يصل الانخفاض في ضغط الإطار إلى مستوى يطلق إشارة انخفاض ضغط الإطار لنظام مراقبة ضغط الإطارات.

تم تزويد سيارتك أيضًا بمؤشر عطل لنظام مراقبة ضغط الإطارات (TPMS) للإشارة إلى عدم عمل النظام بشكل صحيح. يندمج مؤشر عطل نظام مراقبة ضغط الإطارات (TPMS) مع مصباح إنذار انخفاض ضغط الإطارات. عندما يكتشف النظام وجود عطل، سيومض مصباح الإنذار لمدة دقيقة واحدة تقريبًا ثم يظل مضاءً بصفة مستمرة. يستمر هذا التسلسل أثناء عمليات تشغيل السيارة المتتابعة طالما ظل العطل موجودًا. عندما يضيء مؤشر العطل، قد لا يتمكن النظام من اكتشاف أو الإشارة إلى انخفاض ضغط الإطار كما يجب. قد يحدث خلل في نظام مراقبة ضغط الإطارات لأسباب متنوعة، بما في ذلك تركيب إطارات أو عجلات بديلة في السيارة والتي تمنع نظام مراقبة ضغط الإطارات (TPMS) من العمل بشكل صحيح. تحقق دائمًا من مصباح إنذار عطل نظام مراقبة ضغط الإطارات (TPMS) بعد استبدال إطار أو عجلة واحدة أو أكثر في السيارة للتأكد من سماح الإطارات أو العجلات البديلة لنظام مراقبة ضغط الإطارات (TPMS) بالعمل بشكل صحيح.

تنبيه!

تم تحسين نظام مراقبة ضغط الإطارات (TPMS) بحيث يعمل في أفضل صورة له مع مكونات الإطارات والعجلات الأصلية. تم تحديد مستويات ضغط نظام مراقبة ضغط الإطارات (TPMS) وتحذيراته وفقًا لحجم الإطار المزود في سيارتك. قد يحدث تشغيل غير سليم للنظام أو تلف بالمستشعر عند استخدام معدات بديلة ليست بنفس الحجم أو النوع أو الشكل. قد تتسبب العجلات المباعة بالأسواق في حدوث تلف للمستشعر. لا تستخدم مانع للتسرب على الإطار من علبة أو درزات اتزان إذا كانت السيارة مزودة بنظام مراقبة ضغط الإطارات، فقد ينتج عن ذلك حدوث تلف بالمستشعرات.

14. مقياس الوقود/تذكير غلق باب خزان الوقود

يشير مؤشر المقياس إلى مستوى الوقود في الخزان عند وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق). يشير رمز مضخة الوقود إلى جانب السيارة الذي يوجد فيه باب الوقود.

ملاحظة:
يضيء كل من ضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC) وضوء مؤشر تنشيط/عطل نظام التحكم في الاستقرار الإلكتروني (ESC) لفترة قصيرة في كل مرة تتم فيها إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

يعمل نظام التحكم في الاستقرار الإلكتروني (ESC) في كل مرة تتم فيها إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) حتى إذا كان قد تم إيقافه في وقت سابق.

يصدر عن نظام التحكم في الاستقرار الإلكتروني (ESC) صوت طنين أو نقر عندما يكون نشطًا. وهذا أمر عادي، وتتوقف الأصوات عندما يصبح نظام التحكم في الاستقرار الإلكتروني (ESC) غير نشطٍ بعد المناورة التي تسببت في تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC).

9. ضوء مؤشر توقف نظام التحكم في الاستقرار الإلكتروني (ESC) - إذا كانت السيارة مزودة بذلك

يشير هذا الضوء إلى إيقاف تشغيل نظام التحكم في الاستقرار الإلكتروني (ESC).

10. عداد السرعة

يشير إلى سرعة السيارة.

ملاحظة:
يصدر صوت رنين مرة واحدة في حالة تجاوز سرعة السيارة 120 كم / ساعة (75 ميلًا / ساعة).

11. ضوء تنبيه لربط حزام المقعد

عند إدارة قرص التشغيل إلى ON/RUN (التشغيل/الانطلاق) للمرة الأولى، يضيء هذا الضوء لمدة تتراوح بين أربع إلى ثمان ثوان كجزء من الاختبار باستخدام المصباح. أثناء الفحص بالمصباح، تصدر إشارة صوتية إذا كان السائق لا يرتدي حزام المقعد. إذا استمر حزام مقعد السائق أو الراكب الأمامي دون ربط بعد انتهاء اختبار تشغيل اللمبة أو أثناء القيادة، فإن ضوء مؤشر حزام المقعد يومض أو يظل مضاءً بشكل متواصل. راجع "أنظمة تثبيت الركاب" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" للحصول على مزيد من المعلومات.

12. مؤشر إشارة الانعطاف

تومض الأسهم بإشارات الانعطاف الخارجية عند تشغيل ذراع إشارة الانعطاف. ستصدر إشارة صوتية وتظهر رسالة مركز معلومات السيارة الإلكتروني (EVIC) عند ترك إشارة الانعطاف في حالة التشغيل لأكثر من 1 ميل (1.6 كم).

ملاحظة: إذا ومض أحد المؤشرات بسرعة غير طبيعية افحص المصابيح الخارجية، فقد يكون هناك خلل في أحدها.

السيارات المزودة بنظام الفرامل المانعة للانغلاق (ABS) تكون مزودة كذلك بنظام توزيع قوة الفرامل الإلكتروني (EBD). وفي حالة عطل نظام توزيع طاقة الفرامل الإلكتروني (EBD) يضيء ضوء التحذير بشأن الفرامل مع ضوء نظام الفرامل المانعة للانغلاق (ABS). وفي هذه الحالة يجب إصلاح نظام الفرامل المانعة للانغلاق (ABS) فورًا.

ومن الممكن فحص ضوء تحذير الفرامل وذلك بتدوير مفتاح التشغيل من وضع OFF (إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق). مما يؤدي إلى ظهور الضوء لمدة ثانيتين تقريبًا. ويجب أن يختفي الضوء بعد ذلك إلا إذا كانت فرامل التوقف مستخدمة أو إذا كان هناك عطل في الفرامل. وإذا لم يضيء الضوء، فإنه يتعين فحص الضوء من قِبل الوكيل المعتمد.

ويظهر الضوء أيضًا عند استخدام فرامل التوقف وعندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة: هذا الضوء يبين فقط أن فرامل التوقف مستخدمة. ولا يبين درجة فعالية استخدام الفرامل.

6. شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID)

تشير شاشة عرض عداد المسافة إلى المسافة الكلية التي قطعتها السيارة.

عند تواجد الظروف المناسبة، تعرض هذه الشاشة رسائل مركز معلومات السيارة الإلكتروني (EVIC) أو رسائل شاشة عرض معلومات السائق (DID). راجع "مركز معلومات السيارة الإلكتروني" أو "شاشة عرض معلومات السائق" في هذا القسم.

7. ضوء الفرامل المانعة للانغلاق (ABS)

يراقب هذا الضوء نظام الفرامل المانعة للانغلاق (ABS). يضيء الضوء عندما يكون مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) وقد يستمر في الإضاءة لمدة 4 ثوان تقريبًا.

وإذا استمر ضوء الفرامل المانعة للانغلاق (ABS) في الظهور أو أضاء أثناء القيادة فإن ذلك يدل على أن جزء منع الانغلاق لنظام الفرامل لا يعمل بصورة صحيحة وأن هناك حاجة إلى صيانة النظام. مع ذلك سيستمر نظام الفرامل التقليدي في العمل بصورة اعتيادية إذا لم يظهر ضوء التنبيه الخاص بالفرامل BRAKE.

إذا أضاء ضوء نظام الفرامل المانعة للانغلاق (ABS)، فيجب صيانة نظام الفرامل في أسرع وقت ممكن لاسترجاع ميزات الفرامل المانعة للانغلاق. وإذا لم يظهر ضوء الفرامل المانعة للانغلاق (ABS) عند وضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق)، فقم بفحص المصباح في أقرب وقت ممكن لدى الوكيل المعتمد.

8. ضوء مؤشر تنشيط/توقف نظام التحكم في الاستقرار الإلكتروني (ESC) - إذا كانت السيارة مزودة بذلك

يضيء "ضوء تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل" في مجموعة أجهزة القياس عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق). وينطفئ أثناء تشغيل المحرك. إذا استمر "ضوء تنشيط نظام التحكم في الاستقرار الإلكتروني (ESC)/ضوء مؤشر العطل" في الإضاءة أثناء عمل المحرك، فإن هذا يدل على أنه قد تم اكتشاف عطل في نظام التحكم في الاستقرار الإلكتروني (ESC). إذا ظل هذا المصباح مضاءً بعد عدة دورات من التشغيل، وتمت قيادة السيارة لعدة كيلومترات (أميال) بسرعات أعلى من 48 كم/ساعة (30 ميلا/الساعة)، فراجع الوكيل المعتمد بأسرع ما يمكن لتشخيص المشكلة وحلها.

مواصفات مجموعة أجهزة القياس

1. عداد سرعة المحرك (التاكوميتر)

يبين سرعة المحرك مقاسة بعدد الدورات في الدقيقة (عدد الدورات في الدقيقة × 1000).

2. مؤشر الضوء العالي

يشير إلى أن المصابيح الأمامية تعمل بالضوء العالي.

3. مؤشر مصباح الضباب الأمامي - إذا كانت السيارة مزودة بذلك

يضيء هذا المؤشر عندما تكون مصابيح الضباب الأمامية مضاءة.

4. مؤشر تشغيل أضواء التوقف/المصابيح الأمامية - إذا كانت السيارة مزودة بذلك

يضيء هذا المؤشر عندما تكون أضواء التوقف أو المصابيح الأمامية في حالة تشغيل.

5. ضوء تحذير الفرامل

يقوم ضوء تحذير الفرامل بمراقبة وظائف متعددة لنظام الفرامل بما في ذلك مستوى سائل الفرامل واستخدام فرامل التوقف. إذا أضاء مصباح الفرامل، فقد يشير ذلك إلى استخدام فرامل التوقف أو انخفاض مستوى سائل الفرامل أو وجود مشكلة بخزان نظام الفرامل المانعة للانغلاق.

إذا ظل الضوء مضاءً عند فصل فرامل التوقف، وكان مستوى السائل عند علامة الاكتمال على خزان الأسطوانة الرئيسية، فإن ذلك يشير إلى احتمال وجود خلل في النظام الهيدروليكي للفرامل أو حدوث مشكلة في معزز الفرامل تم اكتشافها بواسطة نظام الفرامل المانعة للانغلاق (ABS) / نظام التحكم في الاستقرار الإلكتروني (ESC). في هذه الحالة، سيظل المصباح مضاءً حتى يتم إصلاح الخلل. إذا كانت المشكلة متعلقة بمعزز الفرامل، فستعمل مضخة الفرامل المانعة للانغلاق (ABS) عند استخدام الفرامل وقد يتم الشعور باهتزاز دواسة الفرامل خلال كل عملية توقف.

يوفر النظام المزدوج للفرامل سعة كبح احتياطية في حالة عطل أحد أجزاء النظام الهيدروليكي للفرامل. ومن الممكن معرفة وجود عطل في أي جزء من نظام الفرامل المزدوج عندما يضيء ضوء التنبيه إلى نظام الفرامل الذي يدل على انخفاض مستوى سائل الفرامل في الأسطوانة الرئيسية إلى حد معين.

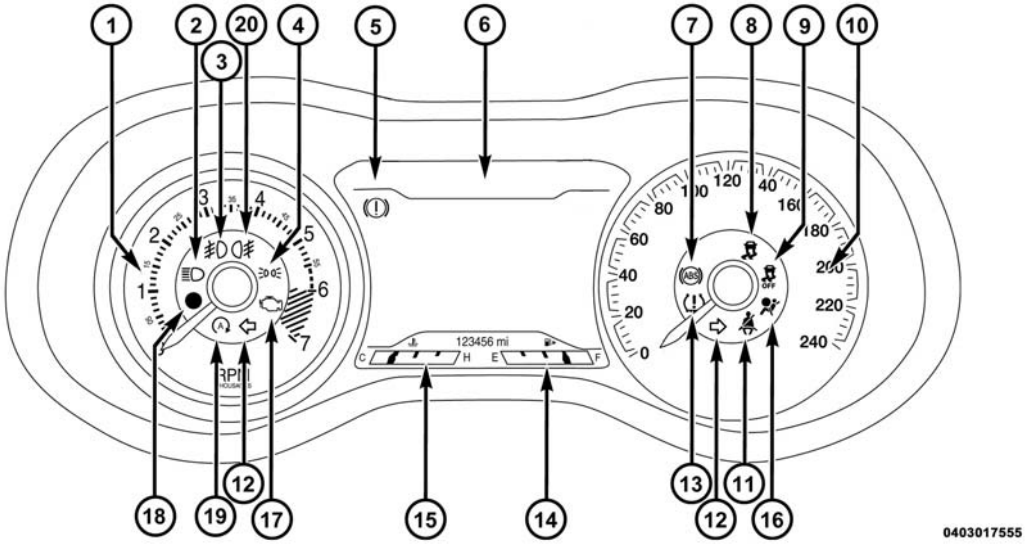
ويستمر الضوء بالإضاءة حتى يتم تصليح العطل.

ملاحظة: قد يومض الضوء بشكل سريع أثناء مناورات الانعطاف الحادة بسبب حدث تغيرات في مستوى السائل. يجب صيانة السيارة، وفحص مستوى سائل الفرامل.

في حالة أي عطل في الفرامل قم بتصليحه فورًا.

تحذير!

من الخطورة قيادة السيارة عندما يضيء ضوء الفرامل الأحمر. فقد يعني ذلك أن عطلاً ما قد حدث في أحد أجزاء نظام الفرامل. وستحتاج إلى وقت أطول لإيقاف السيارة. مما قد يؤدي إلى وقوع تصادم. افحص الفرامل فورًا.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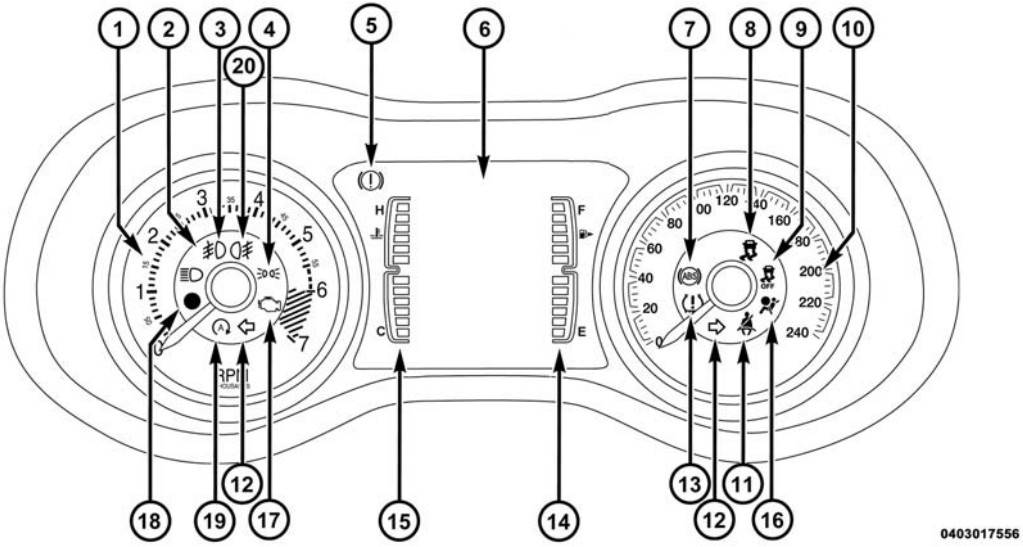
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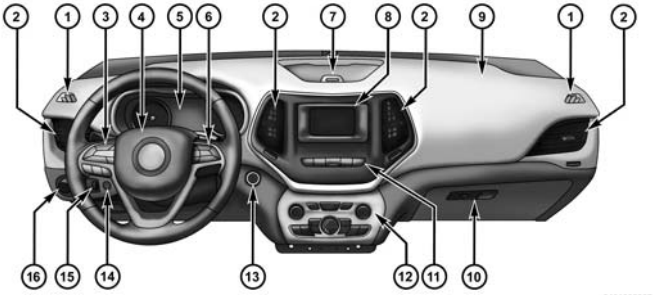

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2 — منفذ الهواء
3 — مفاتيح التحكم في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)
4 — آلة التنبيه/الوسادة الهوائية للسائق
5 — مجموعة أجهزة القياس
6 — مفتاح نظام التحكم الإلكتروني في السرعة
7 — حجرة التخزين
8 — الراديو
9 — الوسادة الهوائية للراكب
10 — صندوق القفازات
11 — مجموعة المفاتيح السفلية
12 — مفاتيح التحكم في نظام ®Uconnect/مفاتيح التحكم في درجات الحرارة/مفتاح بدء/إيقاف الإلكتروني - إذا كانت السيارة مزودة بذلك
13 — زر Start/Stop Ignition (بدء التشغيل/إيقاف التشغيل)
14 — زر تحرير باب المؤخرة
15 — مفاتيح تعتيم الأضواء
16 — مفتاح المصباح الأمامي

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تنبيه!

إن عدم اتباع هذه التنبيهات قد يتسبب في تلف عناصر التسخين:

- عليك بتوخي الحذر عند غسل الجزء الداخلي من النافذة الخلفية. لا تستخدم منظفات النوافذ الكاشطة على السطح الداخلي للنافذة. استخدم قطعة قماش ناعمة ومحلول غسيل معتدل، وقم بالمسح بشكل موازي لأجزاء التسخين. وبالإمكان إزالة الملصقات الموجودة على الزجاج بعد أن تبلل بماء دافئ.
- لا تستخدم أدوات تنظيف كاشطة أو أدوات حادة أو منظفات النوافذ الكاشطة على السطح الداخلي للنافذة.
- احتفظ بجميع المتعلقات على مسافة آمنة من النافذة.

حامل أمتعة سقفي -إذا كانت السيارة مزودة بذلك

يجب ألا يتجاوز الوزن المحمول على السقف، عندما تكون السيارة مزودة بحامل أمتعة، 68 كجم (150 رطل) ويجب أن يكون موزعًا بشكل متساوي على منطقة الحمولة.

يجب دائمًا استخدام العارضات عند وضع الحمولة على حامل السقف. افحص الأشرطة بصورة دورية للتأكد من ربط الأمتعة بصورة سليمة.

ملاحظة: ويمكن شراء القضبان العرضية من وكيل Chrysler عبر قطع غيار ®Mopar.

لا تعمل الحوامل الخارجية على زيادة سعة التحميل المقررة للسيارة. تأكد أن إجمالي أوزان الركاب والأمتعة الموجودة داخل السيارة، إضافة إلى الحمل الموضوع على حامل الأمتعة، لا يتجاوز أقصى سعة لحمل السيارة.

تنبيه!

- لتجنب تلف حامل السقف والسيارة، لا تتجاوز أقصى سعة لوزن حامل السقف. وزع دومًا الأوزان الثقيلة بصورة متساوية واربط الحمولة بصورة مناسبة في جميع الأوقات.
- الأحمال الطويلة التي تمتد فوق الزجاج الأمامي؛ مثل اللوحات الخشبية أو ألواح التزحلق على الأمواج؛ ينبغي ربطها جيدًا في مقدمة ومؤخرة السيارة.

(تابع)

تنبيه! (تابع)

- ضع بطانية أو أية مادة حماية أخرى بين سطح السقف والحمولة.
- قم بقيادة السيارة بسرعة منخفضة وتوخي الحذر لدى الانعطاف عند وضع حمولات كبيرة وثقيلة على حامل الأمتعة السقفي. وقد تضيف قوة الريح، نتيجة للعوامل الطبيعية أو نتيجة لمرور الشاحنات الكبيرة بجوار سيارتك، قوة دفع مفاجئة للحمولة إلى الأعلى. وينطبق ذلك بوجه خاص على الحمولة المسطحة الكبيرة وقد يؤدي إلى وقوع أضرار للحمولة أو السيارة.

تحذير!

يجب إحكام ربط الحمولة بصورة آمنة قبل قيادة السيارة. وقد تسقط الحمولة غير المربوطة بصورة صحيحة أثناء القيادة بسرعة عالية، مسببة حدوث إصابة شخصية أو تلف للممتلكات. اتبع التنبيهات الخاصة بحامل السقف عند نقل أي حمولة على سقف سيارتك.

ميزات النوافذ الخلفية

ماسحة/غاسلة الزجاج الخلفي

توجد مفاتيح التحكم في الماسحة/الغاسلة الخلفية على ذراع ماسحة/غاسلة الزجاج الأمامي على الجانب الأيمن من عمود التوجيه. يتم تشغيل الماسحة/الغاسلة الخلفية من خلال إدارة المفتاح الموجود عند بمنتصف الذراع.

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مفتاح تحكم الماسحة/الغاسلة الخلفية

قم بتدوير الجزء الأوسط من الذراع لأعلى باتجاه الحابسة الأولى للتشغيل المتقطع وباتجاه الحابسة الثانية لتشغيل الماسحة الخلفية بشكل مستمر.

لاستخدام الغاسلة، ادفع الذراع إلي الأمام ثم استمر علي هذا الوضع طالما كانت هناك حاجة لهذا الرذاذ. إذا تم دفع الذراع أثناء التواجد في الإعداد المتقطع، فسيتم تشغيل الماسحة وستعمل لعدة دورات مسح بعد تحرير طرف الذراع، ثم تستأنف الفترة المتقطعة التي تم تحديدها مسبقًا.

إذا تم الضغط على ذراع الماسحة في وضع إيقاف التشغيل، فستعمل الماسحة لعدة دورات مسح ثم تتوقف.

ملاحظة: كإجراء وقائي، تتوقف المضخة في حالة الضغط على المفتاح لأكثر من 20 ثانية. وعند تحرير الذراع، تستأنف المضخة عملها الطبيعي.

إذا كانت الماسحة الخلفية تعمل أثناء ضبط مفتاح التشغيل على وضع OFF (إيقاف التشغيل)، فستعود الماسحة تلقائيًا إلى وضع "التوقف".

مزيل الصقيع عن النافذة الخلفية

يوجد زر مزيل صقيع الزجاج الخلفي في مجموعة المفاتيح الموجودة ضمن مفاتيح التحكم اليدوي في درجة الحرارة. اضغط على هذا الزر لبدء تشغيل مزيل الصقيع من الزجاج الخلفي والمرايا الخارجية المسخّنة. سوف يضيء مؤشر في الزر عندما يكون مزيل الصقيع عن النافذة الخلفية في وضع التشغيل. يتم أوتوماتيكيًا إيقاف تشغيل مزيل الصقيع عن النافذة الخلفية بعد 10 دقائق تقريبًا. ولتشغيله لمدة 5 دقائق إضافية، اضغط على الزر مرة ثانية.

ملاحظة:

- **سيتم تنشيط مزيل الثلوج وماسحة الزجاج الأمامي (إذا كانت السيارة مزودة بذلك) أوتوماتيكيًا عند تشغيل إزالة الصقيع الخلفي وعندما تكون درجة الحرارة المحيطة أقل من 40 درجة فهرنهايت (4.4 درجات مئوية).**
- **لمنع الاستهلاك المفرط لشحنة البطارية، استخدم مزيل الصقيع عن النافذة الخلفية عندما يكون المحرك مشغلاً فقط.**

يغطي الغطاء عند تمديده منطقة الحمولة لمواراة عناصر الحمولة عن الأنظار. وتستخدم السنون في لوحات الكسوة بالقرب من فتحة باب المؤخرة في تثبيت الغطاء الممدد في موضعه.

وينسحب الغطاء بسهولة إلى داخل المبيت الخاص به عند عدم استخدامه. يمكنك أيضًا إزالة الغطاء من السيارة لتوفير المزيد من المساحة في منطقة الحمولة.

لتركيب الغطاء، ضعه في السيارة بحيث يتجه الجانب المسطح من المبيت لأعلى. ثم أدخل العارضة الزنبركية اليمنى (الموجود على طرف مبيت الغطاء) في نقاط التثبيت اليمنى.

ثم أدخل على الطرف المقابل من مبيت الغطاء في نقطة التثبيت على الجانب المقابل من السيارة.

ثم، امسك مقبض الغطاء واسحب الغطاء تجاهك. عند اقتراب الغطاء من فتحة باب المؤخرة، قم بتوجيه عارضتي التثبيت الخلفيتين (على كلا جانبي الغطاء) إلى داخل السنون في لوحات الكسوة. أنزل بعد ذلك الغطاء لوضع العارضتين في أسفل السنون وحرر المقبض.

تحذير!

عند وقوع تصادم، قد يتسبب ترك غطاء منطقة الحمولة غير محكم الإغلاق إلى التسبب في حدوث إصابة. فقد يطير في حالة التوقف المفاجئ ويصيب أحد الموجودين بالسيارة. لا تقم بتخزين غطاء منطقة الحمولة على أرضية منطقة الحمولة أو في مقصورة الركاب. قم بإزالة الغطاء من السيارة عند فكه من مكانه. ولا تخزنه في السيارة.

علب التخزين الخلفية

توجد علب التخزين الخلفية في الجزء الخلفي من السيارة على جانبي أرضية الحمولة.

علب التخزين الخلفية

خطاطيف وحلقات تثبيت الحمولة

يجب استخدام أربطة تثبيت الحمولة الموجودة على أرضية منطقة الحمولة لتأمين الحمولة أثناء سير السيارة.

توجد حلقات تثبيت الحمولة على لوحات الكسوة.

تحذير!

- لا تعد أربطة تثبيت الحمولة وسيلة آمنة لربط شريط التثبيت الخاص بمقعد الطفل. فعند التوقف المفاجئ أو حدوث تصادم قد ينفك أحد أربطة التثبيت بما يؤدى إلى جعل مقعد الطفل حر الحركة. وحينها قد يتعرض الطفل لإصابة خطيرة. استخدم فقط المثبتات المزودة مع أشرطة تثبيت مقعد الطفل.
- للمساعدة في الحماية ضد الإصابات الشخصية يجب ألا يجلس الركاب في منطقة الحمولة الخلفية. لقد تم تصميم منطقة الحمولة الخلفية لأغراض تحميل الأشياء فقط وليس للركاب الذين يتوجب عليهم الجلوس على المقاعد واستخدام أحزمة الأمان.

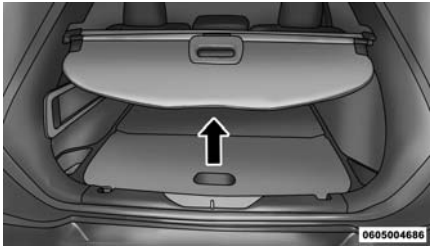
تحذير!

يمكن أن يغير وزن وموضع الحمولة والركاب مركز ثقل السيارة وطريقة التعامل معها. لتجنب فقدان التحكم الذي يؤدي إلى حدوث الإصابات الشخصية، اتبع هذه الإرشادات عند تحميل سيارتك:

- لا تحمل حمولات تتجاوز حدود الحمولة المبينة في الملصق الموجود على العمود الأوسط للبابين الأيمن أو الأيسر.
- قم دائمًا بوضع الحمولة بالتساوي على أرضية الحمولة. ضع الأشياء الثقيلة بأسفل وفي أقصي الطرف الأمامي على قدر الإمكان.
- ضع معظم الأحمال بقدر المستطاع أمام محور الدوران الخلفي. وذلك لأن وضع الأوزان الزائدة عن الحد أو التثبيت غير المناسب للأحمال فوق أو خلف محور الدوران الخلفي يمكن أن يتسبب في اهتزاز مؤخرة السيارة.
- لا تقم بتكديس الأمتعة أو الحمولة لتصل إلى موضع أعلى من ظهر المقعد. فقد يتسبب ذلك في حجب الرؤية أو يصبح أحد الأمتعة جسم مندفع خطر عند التوقف المفاجئ أو وقوع حادث.

غطاء منطقة الحمولة القابل للسحب - إذا كانت السيارة مزودة بذلك

ملاحظة: إن الغرض من هذا الغطاء هو ضمان الخصوصية وليس تأمين المواد المحمولة. وهذا الغطاء لا يمنع انتقال الحمولة أو يحمي الركاب من الحمولة غير المثبتة جيدًا.

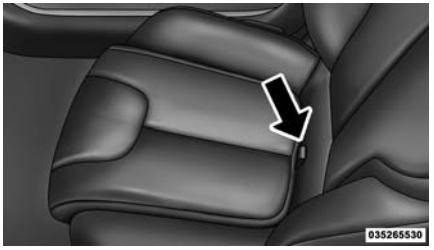


غطاء منطقة الحمولة القابل للضم

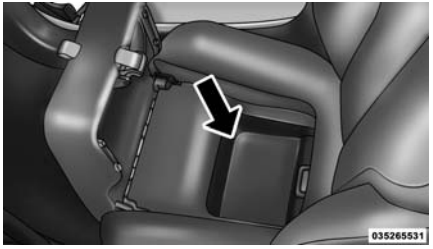
يوجد غطاء منطقة الحمولة القابل للسحب والإزالة في منطقة الحمولة خلف الجزء العلوي من المقاعد الخلفية.

تخزين مقعد الراكب الأمامي Flip 'n Stow™ - إذا كانت السيارة مزودة بذلك.

يتم تزويد بعض الطُرز بحجرة تخزين أسفل وسادة مقعد الراكب الأمامي. اسحب حلقة الوسادة بالمقعد لأعلى لفتح حجرة التخزين.



حلقة وسادة مقعد الراكب



حجرة تخزين وسادة مقعد الراكب

ملاحظة: تأكد من أن الأجسام الموجودة داخل العلبة لا تؤثر على المزلاج قبل إغلاق المقعد. ادفع وسادة المقعد إلى أسفل بعد إغلاقها للتأكد من أنها تغلق على القاعدة.

تحذير!

تأكد من إغلاق وسادة المقعد بأمان في موضعها قبل استخدام المقعد. وإلا فلن يوفر المقعد الثبات المناسب للركاب. حيث قد تتسبب وسادة المقعد غير المثبتة بشكل صحيح في حدوث إصابة خطيرة.

ميزات منطقة الحمولة

أرضية تحميل الحمولة

يحتوي نظام أرضية الحمولة على سعة تحميل تقدر بـ 181 كجم (400 رطل).

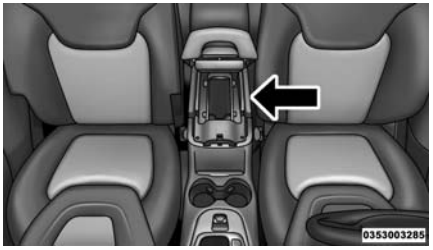
لتوفير مساحة تخزين إضافية، يمكن طي كل مقعد خلفي بشكل مسطح. ويسمح ذلك بتوسيع مساحة التخزين مع الاستمرار في الإبقاء على سعة لمواضع الجلوس الخلفية. راجع "المقاعد" في هذا القسم للحصول على مزيد من المعلومات.

لوحات مُمدِّد الحمولة

يمكن طي لوحات مُمدِّد الحمولة وإلغاء طيها. عند تحريك المقاعد الخلفية إلى الأوضاع الأمامية مع طي ظهور المقاعد الخلفية، يمكن إلغاء طي لوحات مُمدِّد الحمولة يدويًا باستخدام اليد (كلتا اليدين). يمكن استخدام لوحات مُمدِّد الحمولة لتوسيع أرضية الحمولة للمقاعد الخلفية و/أو إخفاء الفجوة بين أرضية الحمولة والمقاعد الخلفية أو للمساعدة في تحميل عناصر كبيرة في منطقة الحمولة.

حجرة تخزين الكونسول

قد تكون بعض السيارات مزودة بلوحة شحن لاسلكي موجودة في الجزء العلوي من الكونسول المركزي. راجع "لوحة الشحن اللاسلكي" - إذا كانت السيارة مزودة بذلك- في هذا القسم للحصول على مزيد من المعلومات.

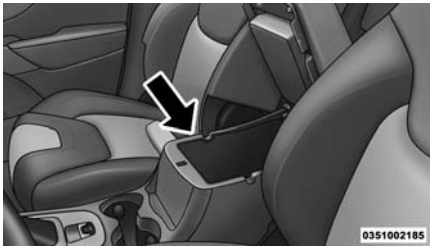


لوحة الشحن في الكونسول العلوي

للفتح، اسحب المزلاج لأعلى وارفع الغطاء.

الكونسول المركزي

يحتوي الكونسول المركزي على منطقة تخزين يمكنها أن تحمل هواتف خلوية وأجهزة PDA وعناصر صغيرة أخرى.



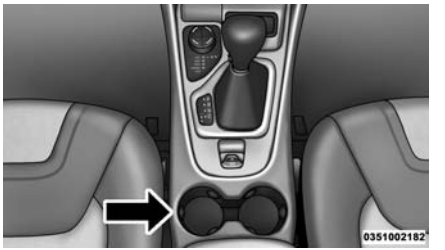
تخزين الكونسول المركزي

تحذير!

لا تقم بتشغيل السيارة أثناء وجود غطاء حجرة الكونسول في وضع الفتح. قد تتسبب القيادة وغطاء حجرة الكونسول مفتوحًا في حدوث إصابة عند وقوع تصادم.

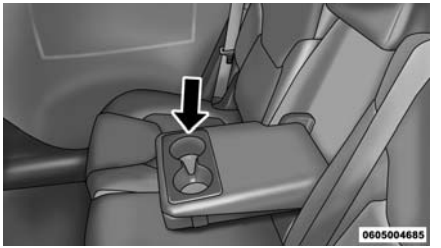
حاملات الأكواب

يوجد اثنان من حاملات الأكواب لركاب المقعد الأمامي في الكونسول المركزي.



حاملات الأكواب الأمامية

يوجد اثنان من حاملات الأكواب لركاب المقعد الخلفي في مسند الذراع الأوسط.



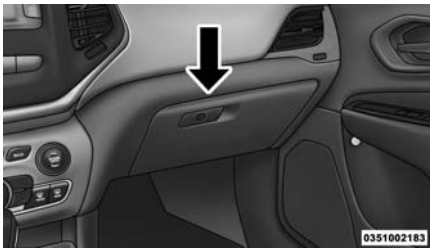
حاملات الأكواب الخلفية

التخزين

صندوق القفازات

يوجد صندوق القفازات في جانب الركاب من لوحة أجهزة القياس. اجذب المزلاج للخارج لفتح صندوق القفازات.

توجد أيضًا علبة تخزين إضافية أعلى لوحة أجهزة القياس في منتصف لوحة التابلوه.



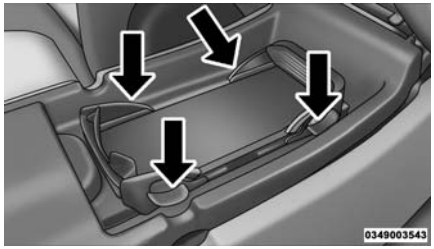
صندوق القفازات

محاذاة الهاتف المحمول

ملاحظة: يجب أن يكون الهاتف المحمول متحاذيًا حول شعار Qi من أجل أن يتحول مؤشر LED من الأحمر إلى الأخضر الوامض.

3. إذا لم يتحول مؤشر LED من الأحمر إلى الأخضر الوامض وتوقف فقط عن العمل، فالتقط الهاتف المحمول وعدل وضعه على لوحة الشحن.

4. اضبط قاعدة الهاتف المحمول على لوحة الشحن اللاسلكية لتثبيت الهاتف المحمول في موضعه. وتتحرك القاعدة بالضغط لأسفل على ألسنة الأصابع مع ضبط القاعدة للداخل أو للخارج.



قاعدة لوحة شحن الهاتف المحمول القابلة للضبط

ملاحظة: يلزم القيام بهذا الضبط الأولي مرة واحدة فقط طالما يتم استخدام هاتف محمول واحد فقط. في حالة استخدام هاتف محمول مختلف، ستحتاج القاعدة إلى إعادة ضبط.

يومض مؤشر LED باللون الأخضر أثناء شحن الهاتف المحمول. يكون الهاتف المُمكن به ميزة Qi قادرًا على العمل بصورة طبيعية أثناء إجراء الشحن.

تنبيه!

لا تضع حافظة المفاتيح في لوحة الشحن اللاسلكية، حيث قد لا تعمل ميزة الدخول دون مفتاح Keyless Enter-N-Go™ بصورة صحيحة أثناء شحن هاتف محمول.

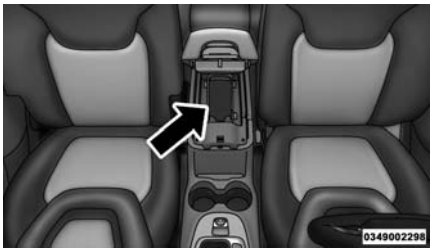
تحذير!

لا تضع جسم (أجسام) معدني بين الهاتف المحمول ولوحة الشحن اللاسلكي. حيث يصبح الجسم (الأجسام) المعدني كالعملات أو الخواتم أو المفاتيح **ساخنًا** للغاية. في حالة وجود جسم (أجسام) معدني بين الهاتف المحمول ولوحة الشحن اللاسلكي، قم بإزالة الهاتف المحمول بحرص واترك الجسم (الأجسام) المعدني ليبرد قبل أن تزيله. حيث قد يؤدي عدم الانتظار حتى يبرد الجسم (الأجسام) في حدوث إصابة شخصية بما في ذلك حدوث حرق للجلد.

تنبيه! (تابع)

- إن الملحقات التي تسحب طاقة أكبر (مثل المبردات والمكانس الكهربائية والأضواء وغير ذلك) ستقصر عمر البطارية بصورة أسرع. لذا لا تستعمل هذه الأجهزة إلا بصورة متقطعة وبحذر.
- بعد استخدام الأجهزة التي تسحب طاقة عالية أو عند عدم تشغيل السيارة (عند توصيل الأجهزة بالمقابس) لفترات طويلة يجب قيادة السيارة لمدة كافية تتيح للمولد الكهربائي شحن البطارية.

لوحة الشحن اللاسلكية - إذا كانت السيارة مزودة بذلك



لوحة الشحن اللاسلكية

قد تكون سيارتك مزودة بلوحة شحن لاسلكي موجودة في الجزء العلوي من الكونسول المركزي. تم تصميم لوحة الشحن اللاسلكي هذه لشحن الهاتف المحمول المزود بميزة Qi. Qi عبارة عن معيار يستخدم الحث المغناطيسي لتحويل الطاقة إلى هاتفك المحمول.

يجب أن يكون هاتفك المحمول مصمم للشحن اللاسلكية بتقنية Qi، ومزود بجلبة تباع في السوق أو مزود بلوحة خلفية من موفر الهاتف المحمول.

لوحة الشحن اللاسلكي مزودة بسجادة منع الانزلاق وقاعدة قابلة للضبط لتثبيت هاتفك المحمول في مكانه وضوء مؤشر LED.

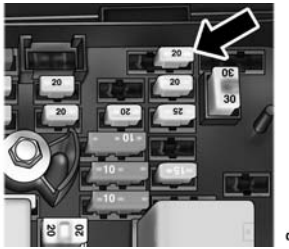
ملاحظة: تفضل بزيارة DriveUconnect.com للحصول على معلومات إضافية ومعرفة الهواتف المحمولة المعتمدة.

تشغيل لوحة الشحن اللاسلكية

لاستخدام لوحة الشحن اللاسلكية، يجب محاذاة الملف بهاتفك المحمول مع الملف في لوحة الشحن، والذي يوجد مباشرةً تحت شعار Qi. وحيث إن مكان ملف كل هاتف محمول يكون مختلفًا، قد تحتاج إلى إجراء بعض المحاولات القليلة لتحديد النقطة الصحيحة لهاتفك المحمول:

1. ضع الهاتف المحمول ولوحة الشحن اللاسلكي، باتجاه شعار Qi، بحيث يتحول مؤشر LED إلى اللون الأحمر. إذا لم يتحول مؤشر LED إلى اللون الأحمر، فالتقط الهاتف المحمول وقم بتغيير موقعه.
2. بمجرد تحول مؤشر LED من اللون الأحمر إلى اللون الأخضر الوامض، يكون الهاتف المحمول موضوع بشكل صحيح ويتم شحنه.

ملاحظة: يمكن تبديل مأخذ الطاقة الخلفي في منطقة الحمولة إلى طاقة "البطارية" على مدار الوقت من خلال تبديل منصهر الحمولة الخلفية بمأخذ الطاقة في لوحة المنصهرات.



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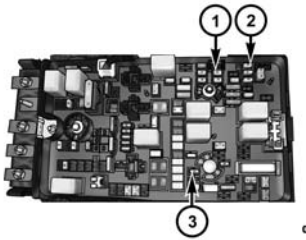
منصهر مأخذ الطاقة في منطقة الحمولة الخلفية



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مواضع منصهرات منافذ الطاقة

1 - المنصهر F75 الأصفر لمأخذ الطاقة الأمامي/ ولاعة السجائر بحاوية الكونسول بقدرة 20 أمبير

2 - المنصهر F92 الأصفر لمأخذ الطاقة في منطقة الحمولة بقدرة 20 أمبير

3 - المنصهر F60 الأصفر لمأخذ الطاقة الموجود بالكونسول المركزي بقدرة 20 أمبير

تحذير!

لتجنب الإصابة الخطيرة أو الوفاة:

- يجب تركيب الأجهزة المصممة فقط للاستخدام في هذا النوع من المآخذ في مأخذ طاقة 12 فولت.
- لا تلمس المقابس بيدين مبللتين.
- أغلق الغطاء في حالة عدم استخدامها وأثناء قيادة السيارة.
- في حالة التعامل مع هذا المأخذ بشكل خاطئ، قد يتسبب ذلك في حدوث صدمة كهربية وخلل كهربي.

تنبيه!

- تقوم العديد من الأجهزة التي يمكن توصيلها بالمأخذ بسحب الطاقة من البطارية حتى أثناء عدم استخدامها (مثل الهاتف المتنقل). وبالتالي إذا تم توصيلها لفترات طويلة، فستؤدي إلى فقدان شحنة البطارية إلى درجة تلفها و/أو منع المحرك من بدء التشغيل.

(تابع)

مآخذ الطاقة الكهربائية

سيارتك مزودة بمنافذ طاقة قدرتها 12 فولت (13 أمبير) والتي يمكن استخدامها لشحن الهاتف المحمول والأجهزة الإلكترونية الصغيرة والملحقات الأخرى التي تعمل بطاقة منخفضة. يتم تمييز مآخذ الطاقة إما برمز "المفتاح" أو "البطارية" ليشير إلى كيفية تزويد هذه المآخذ بالطاقة. يتم تزويد مآخذ الطاقة المميزة برمز "المفتاح" بالطاقة عندما يكون قرص التشغيل في وضع ON (التشغيل) أو ACC (الملحقات)، بينما المآخذ المميزة برمز "البطارية" تتصل مباشرة بالبطارية ويتم تزويدها بالطاقة في كل الأوقات.

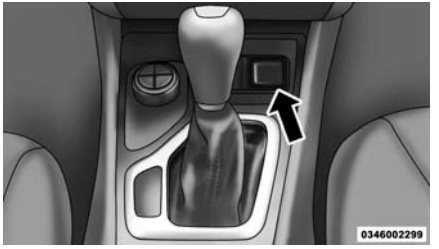
ملاحظة:

- **يجب إزالة جميع الملحقات المتصلة بمآخذ الطاقة التي تعمل بالبطارية أو يجب أن يتم إيقاف تشغيلها في حالة عدم استخدام السيارة لحماية البطارية من التفريغ.**
- **للتأكد من التشغيل السليم لولاعة السجائر، يجب استخدام مقبض وعنصر ®MOPAR.**

تنبيه!

صممت منافذ الطاقة فقط لتوصيل الملحقات. لا تقم بإدخال أي شيء آخر في منافذ الطاقة لأن ذلك سيتلف المأخذ ويحرق المنصهر. ويؤدي عدم استخدام منفذ الطاقة بصورة صحيحة إلى حصول أضرار لا يشملها الضمان المحدود للسيارة الجديدة.

يقع مأخذ الطاقة الأمامي داخل منطقة التخزين في المجموعة الوسطى من مجموعة أجهزة القياس.



مأخذ الطاقة الأمامي

بالإضافة إلى مأخذ الطاقة الأمامي، يوجد أيضًا مأخذ طاقة في منطقة التخزين بالكونسول المركزي.

يوجد مأخذ الطاقة الخلفي في منطقة الحمولة الخلفية اليسرى.

مأخذ الطاقة في منطقة الحمولة الخلفية

إغلاق المظلة العاملة بالطاقة - الوضع السريع

اضغط على المفتاح للأمام وحرره خلال مدة قدرها ثانية ونصف وسيتم إغلاق المظلة أوتوماتيكيًا مهما كان وضعها. إذا تم إغلاق السقف المتحرك بالكامل، فسيتم غلق المظلة بالكامل وتتوقف أوتوماتيكيًا. وذلك ما يسمى "بالإغلاق السريع". أثناء الإغلاق السريع، تؤدي أي حركة للمفتاح إلى إيقاف المظلة.

ملاحظة: إذا تم فتح السقف المتحرك، فسيتم غلق المظلة إلى وضع الفتح الجزئي. سيعمل الضغط على زر إغلاق المظلة مرة أخرى على إغلاق كل من السقف المتحرك والمظلة بالكامل أوتوماتيكيًا.

إغلاق المظلة العاملة بالطاقة - الوضع اليدوي

لإغلاق المظلة، اضغط مطولاً على المفتاح باتجاه الوضع الأمامي. ويؤدي أي تحرير للمفتاح إلى توقف الحركة وبقاء المظلة في وضع إغلاق جزئي حتى يتم الضغط مطولاً على المفتاح للأمام مرة أخرى.

ميزة الحماية ضد الانضغاط

تكتشف هذه الميزة وجود عائق أمام السقف المتحرك أثناء إجراء الإغلاق السريع. إذا تم اكتشاف عائق في مسار السقف المتحرك، فسيتراجع السقف المتحرك إلى مكانه أوتوماتيكيًا. أزل العائق في حالة حدوث ذلك. اضغط بعد ذلك على المفتاح وحرره للإغلاق السريع.

ملاحظة: إذا أدت ثلاث محاولات متتالية لإغلاق فتحة السقف إلى حدوث انعكاسات الحماية ضد الانضغاط، فستكون محاولة الإغلاق الرابعة هي حركة إغلاق يدوي مع تعطيل الحماية ضد الانضغاط.

اهتزاز السيارة بسبب هبوب الرياح

يمكن وصف اهتزاز السيارة بسبب هبوب الرياح كالضغط المسلط على الأذن أو كصوت طائرات الهليكوبتر. قد تتعرض سيارتك للاهتزاز بفعل الرياح أثناء خفض زجاج النوافذ، أو فتح السقف المتحرك (إذا كانت السيارة مزودة بذلك) فتحًا كليًا أو جزئيًا. ويعتبر ذلك أمرًا طبيعيًا ومن الممكن تقليل تأثيره. إذا حصل اهتزاز السيارة بسبب هبوب الرياح عند فتح النافذتين الخلفيتين، فافتح النوافذ الأمامية والخلفية في الوقت نفسه لتقليل تأثير الرياح. في حالة تعرض السيارة للاهتزاز بفعل الرياح أثناء فتح السقف المتحرك، فاضبط السقف المتحرك لتقليل قوة هبوب الرياح أو افتح زجاج أي نافذة.

صيانة السقف المتحرك

استخدم منظف غير كاشط وقطعة قماش ناعمة لتنظيف اللوحة الزجاجية.

التشغيل أثناء وجود المفتاح في وضع OFF (إيقاف التشغيل)

سيظل مفتاح السقف المتحرك العامل بالطاقة نشطًا لمدة عشر دقائق تقريبًا بعد إدارة مفتاح التشغيل إلى وضع LOCK (القفل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة.

ملاحظة: يمكن برمجة وقت إيقاف تشغيل تدوير المحرك باستخدام نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect/الميزات القابلة للبرمجة بواسطة العميل" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

لفتح السقف المتحرك، اضغط مطولاً على المفتاح للخلف. سوف يتوقف السقف المتحرك أوتوماتيكيًا في وضع الإيقاف المريح (إذا كانت الستارة الشمسية في وضع الإغلاق عندما تم بدء التشغيل، فسوف تُفتح الستارة الشمسية أوتوماتيكيًا إلى وضع الفتح الجزئي قبل فتح السقف المتحرك). اضغط مطولاً على المفتاح مرة أخرى، وسوف يُفتح السقف المتحرك إلى وضع الفتح الكامل، ثم يتوقف أوتوماتيكيًا. ويؤدي أي تحرير للمفتاح إلى توقف الحركة. وسوف يظل السقف المتحرك والستارة الشمسية في وضع إغلاق جزئي حتى يتم الضغط على المفتاح للخلف مرة أخرى وإبقاؤه على هذا الوضع.

إغلاق السقف المتحرك - الوضع السريع

اضغط على المفتاح للأمام وحرره خلال مدة قدرها ثانية ونصف وسيتم إغلاق السقف المتحرك بشكل تلقائي ومهما كان وضعه. سوف يغلق السقف المتحرك بالكامل ثم تتوقف أوتوماتيكيًا. وذلك ما يسمى "بالإغلاق السريع". أثناء الإغلاق السريع، تؤدي أي حركة للمفتاح إلى إيقاف السقف المتحرك.

إغلاق السقف المتحرك ـــ الوضع اليدوي

لإغلاق السقف المتحرك، اضغط مطولاً على المفتاح باتجاه الوضع الأمامي. ويؤدي أي تحرير للمفتاح إلى توقف الحركة وبقاء السقف المتحرك في وضع إغلاق جزئي حتى يتم الضغط على المفتاح للأمام مرة أخرى وإبقاؤه على هذا الوضع.

تهوية السقف المتحرك - الوضع السريع

اضغط على الزر "Vent" (تهوية) ثم حرره خلال ثانية ونصف، حيث سيفتح السقف المتحرك في وضع التهوية. يسمى ذلك "التهوية السريعة" ويحدث بغض النظر عن وضع السقف المتحرك. أثناء التهوية السريعة تؤدي أي حركة للمفتاح إلى إيقاف السقف المتحرك.

ملاحظة: إذا كانت الستارة الشمسية في وضع الإغلاق عند الضغط على مفتاح التهوية، فسيتم تدوير الستارة الشمسية تلقائيًا إلى وضع نصف الفتح قبل فتح السقف المتحرك إلى وضع التهوية.

فتح المظلة العاملة بالطاقة - الوضع السريع

اضغط على مفتاح المظلة للخلف وحرره خلال مدة قدرها نصف ثانية وسيتم فتح المظلة تلقائيًا إلى المنتصف وتتوقف تلقائيًا. اضغط على المفتاح مرة أخرى من وضع المنتصف وسيتم فتحها تلقائيًا إلى وضع الفتح الكامل وتتوقف تلقائيًا. وذلك ما يسمى "بالفتح السريع". أثناء الفتح السريع، يؤدي أي تحريك لمفتاح المظلة إلى إيقافها.

فتح المظلة العاملة بالطاقة - الوضع اليدوي

لفتح المظلة، اضغط مطولاً على المفتاح للخلف. وسيتم فتح المظلة وتتوقف تلقائيًا إلى وضع الفتح الجزئي. اضغط مطولاً على مفتاح المظلة للخلف مرة أخرى وسوف تفتح المظلة تلقائيًا إلى وضع الفتح الكامل. ويؤدي أي تحرير للمفتاح إلى توقف الحركة وبقاء المظلة في وضع الفتح الجزئي حتى يتم الضغط مطولاً على المفتاح للأمام مرة أخرى.

توجد مفاتيح الستارة العاملة بالطاقة على اليمين بين واقيات الشمس على الكونسول العلوي.

مفاتيح الستارة العاملة بالطاقة

تحذير!

- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. لا تترك مطلقًا حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه. لا تترك مفتاح التشغيل بسيارة مزودة بميزة الدخول السيارة دون مفتاح Keyless Enter-N-Go™ في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). يمكن أن يحبس الركاب، وخاصة الأطفال المتروكون بمفردهم، داخل السيارة بواسطة السقف المتحرك العامل بالطاقة، وذلك أثناء تشغيل مفتاح السقف المتحرك العامل بالطاقة. وقد يسفر ذلك عن إصابات خطيرة أو الوفاة.
- فعند وقوع حادث، يوجد احتمال كبير أن يقذف بالركاب من خلال السقف المتحرك المفتوح. وقد تتعرض أيضًا لإصابات خطيرة أو الموت. ينبغي دومًا إحكام ربط حزام الأمان بطريقة صحيحة والتأكد من تأمين جلوس جميع الركاب في مقاعدهم أيضًا.
- لا تسمح للأطفال الصغار بتشغيل السقف المتحرك. لا تسمح بخروج أصابع اليدين أو أي جزء آخر من الجسم، أو أي شيء من خلال فتحة السقف المتحرك. فقد ينتج عن ذلك حدوث إصابات.

(تابع)

تحذير! (تابع)

فتح السقف المتحرك - الوضع السريع

وضع الإيقاف المريح ووضع الفتح الكامل عبارة عن عمليات إيقاف أوتوماتيكية مبرمجة لأوضاع فتح السقف المتحرك. تم تحسين وضع الإيقاف المريح لتقليل اهتزاز السيارة بسبب هبوب الرياح.

اضغط على المفتاح للخلف وحرره في غضون ثانية ونصف. سوف يُفتح السقف المتحرك أوتوماتيكيًا إلى وضع الإيقاف المريح (إذا كانت الستارة الشمسية في وضع الإغلاق عندما تم بدء التشغيل، فسوف تُفتح الستارة الشمسية أوتوماتيكيًا إلى وضع الفتح الجزئي قبل فتح السقف المتحرك). اضغط على المفتاح للخلف وحرره مرة أخرى، وسوف يُفتح السقف المتحرك إلى وضع الفتح الكامل، ثم يتوقف أوتوماتيكيًا. وذلك ما يسمى "بالفتح السريع". أثناء "الفتح السريع"، أي حركة للمفتاح تؤدي إلى إيقاف السقف المتحرك.

فتح السقف المتحرك - الوضع اليدوي

وضع الإيقاف المريح عبارة عن إيقاف أوتوماتيكي مبرمج لوضع فتح السقف المتحرك. تم تحسين وضع الإيقاف المريح لتقليل اهتزاز السيارة بسبب هبوب الرياح.

المنطقة	المسافة حتى مؤخرة السيارة
أحمر	0 - 1 قدم (0 - 30 سم)
أصفر	1 قدم - 6.5 أقدام (30 سم - 2 م)
أخضر	6.5 أقدام أو أكبر (2 م أو أكبر)

تحذير!

يجب أن يتوخ سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام كاميرا الرجوع الخلفية ®ParkView. قم دائمًا بفحص منطقة خلف السيارة بحرص، وتأكد من عدم وجود مشاة أو حيوانات أو سيارات أخرى أو عوائق أو مناطق غير مرئية قبل الرجوع للخلف. إنك تتحمل المسؤولية فيما يتعلق بأمان المنطقة المحيطة بالسيارة ويجب عليك الاستمرار في الحرص أثناء الرجوع للخلف. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

تنبيه!

- لتجنب إلحاق التلف بالسيارة، يجب استخدام نظام كاميرا الرجوع الخلفية ®ParkView كوسيلة مساعدة في التوقف فحسب. إن نظام كاميرا الرجوع الخلفية ®ParkView غير قادر على عرض كل عائق أو جسم في مسار القيادة.
- لتجنب حدوث تلفيات بالسيارة، يجب قيادة السيارة ببطء عند استخدام نظام كاميرا الرجوع الخلفية ®ParkView ليمكنك إيقاف السيارة بمجرد مشاهدة العائق. يُنصح بأن ينظر السائق خلفه بشكل متكرر حتى مع استخدامه لنظام كاميرا الرجوع الخلفية ®ParkView.

ملاحظة: إذا تراكم الثلج أو الطين أو أي مادة غريبة على عدسة الكاميرا، فنظف العدسة واشطفها بالماء وجففها بقطعة قماش ناعمة. لا تقم بتغطية العدسة.

السقف المتحرك العامل بالطاقة المزود بالمظلة العاملة بالطاقة - إذا كانت السيارة مزودة بذلك

توجد مفاتيح السقف المتحرك العامل بالطاقة على اليسار بين واقيات الشمس على الكونسول العلوي.

مفاتيح السقف المتحرك العامل بالطاقة

تحذير! (تابع)

- يُنصح بشدة قبل استخدام نظام مساعد التوقف النشط ®ParkSense بفصل مجموعة التركيب الكروية وكرة قضيب السحب من السيارة عند عدم استخدام السيارة للسحب. وقد ينجم عن عدم القيام بذلك التعرض للإصابة أو تلف بالسيارات أو تحطم العوائق لأن كرة قضيب السحب ستكون أقرب للعائق من مصد السيارة الخلفي وذلك عند إضاءة إصدار مكبر الصوت لنغمة مستمرة. ويمكن للمستشعرات أيضًا اكتشاف مجموعة تركيب كرة السحب وكرة قضيب السحب، اعتمادًا على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

كاميرا الرجوع الخلفية ®PARKVIEW - إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بنظام كاميرا الرجوع الخلفية ®ParkView الذي يسمح لك برؤية صورة على الشاشة لمؤخرة السيارة عند وضع ذراع النقل في وضع REVERSE (الرجوع للخلف). ستظهر الصورة على شاشة اللمس مع ملاحظة تحذيرية "check entire surroundings" (التحقق من كل ما يحيط بالسيارة) بطول الجزء العلوي من الشاشة. وبعد خمس ثوان تختفي هذه الملاحظة. تقع كاميرا الرجوع الخلفية ®ParkView على خلفية السيارة فوق لوحة الأرقام الخلفية.

ملاحظة: تضمن كاميرا الرجوع الخلفية ®ParkView أوضاع تشغيل قابلة للبرمجة والتي قد يتم تحديدها من خلال نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) (مع ضبط تأخير الكاميرا على إيقاف التشغيل)، يتم الخروج من وضع الكاميرا الخلفية ويتم عرض شاشة الملاحة أو الراديو مرة أخرى. عند إخراج السيارة من وضع REVERSE (الرجوع للخلف) (مع ضبط تأخير الكاميرا على التشغيل)، سيتم عرض صورة الكاميرا لمدة تصل إلى 10 ثوان بعد الخروج من وضع REVERSE (الرجوع للخلف) إلا إذا تجاوزت سرعة سير السيارة 13 كم/ساعة (8 أميال/الساعة) أو تم نقل ناقل الحركة إلى وضع PARK (التوقف) أو تمت إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

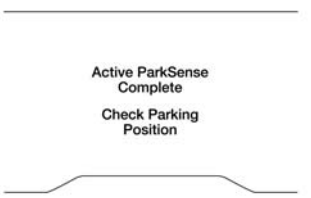
عند تمكينها، تتراكب خطوط التوجيه النشطة على الصورة لتوضح عرض السيارة ومسار الرجوع للخلف اعتمادًا على موضع عجلة القيادة. يشير تراكب الخط الأوسط المتقطع إلى مركز السيارة للمساعدة باستخدام التوقف أو المحاذاة مع بقضيب ربط/المستقبل.

عند تمكينها، تتراكب خطوط التوجيه الثابت على الصورة لتوضح عرض السيارة.

توضح المناطق ذات الألوان المختلفة المسافة إلى مؤخرة السيارة.

يوضح الجدول التالي المسافات التقريبية لكل منطقة:

السيارة الآن في وضع التوقف العمودي. عند اكتمال المناورة، سيتم توجيه السائق إلى فحص موضع توقف السيارة. في حالة رضا السائق عن وضع السيارة، ينبغي الانتقال إلى وضع PARK (التوقف). سيتم عرض الرسالة "Active ParkSense Complete - Check Parking Position" (اكتمل نظام ParkSense النشط - تحقق من موضع التوقف) بشكل مؤقت.



اكتمل نظام ParkSense النشط - تحقق من موضع التوقف

تنبيه!

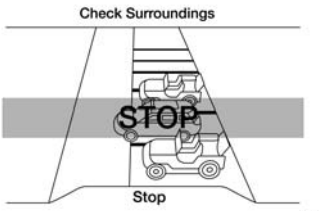
- يعتبر نظام مساعد التوقف النشط ®ParkSense بمثابة أداة مساعدة في إيقاف السيارة فقط، وليس بإمكانه التعرف على كل عائق بما ذلك في العوائق الصغيرة. قد يتم اكتشاف حواف رصيف التوقف أو لا يتم اكتشافها على الإطلاق. لا يتم اكتشاف العوائق الموجودة بأعلى أو أسفل المستشعرات عند التصاقها بالمستشعرات.
- يجب قيادة السيارة ببطء عند استخدام نظام مساعد التوقف النشط ®ParkSense لتتمكن من إيقاف السيارة وقت اكتشاف العائق. يُنصح بأن ينظر السائق خلف كتفه عند استخدام نظام مساعد التوقف النشط ®ParkSense.

تحذير!

- ينبغي أن يتوخ السائقين الحذر عند القيام بمناورات إيقاف السيارة بصورة موازية أو عمودية حتى مع استخدام نظام مساعد التوقف النشط ®ParkSense. قم دومًا بالتحقق بعناية مما وراء السيارة وأمامها مع النظر خلفك وأمامك، علاوة على التأكد من تفقد وجود مشاة أو حيوانات أو سيارات أخرى أو عوائق ومراجعة المناطق غير المرئية قبل الرجوع للخلف أو التحرك للأمام. تتحمل أنت مسؤولية القيادة ويجب عليك الاستمرار في الانتباه إلى ما حولك. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

(تابع)

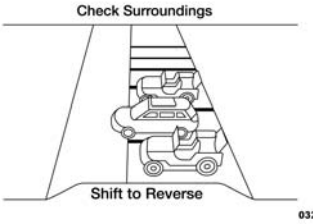
عند وصول السيارة إلى نهاية حركتها للأمام، يقوم النظام بإرشاد السائق إلى التحقق من المنطقة المحيطة وإيقاف حركة السيارة.



التحقق من المنطقة المحيطة - التوقف

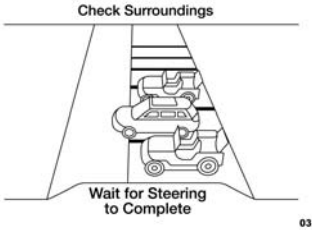
ملاحظة: تقع على السائق مسؤولية استخدام الفرامل وإيقاف السيارة. ينبغي أن يقوم السائق بالتحقق من المنطقة المحيطة لإيقاف السيارة سواء عندما يتم إرشاده إلى ذلك أو عندما يكون تدخل السائق مطلوبًا.

بمجرد توقف السيارة، سيتم إرشاد السائق إلى وضع ذراع النقل في وضع REVERSE (الرجوع للخلف).



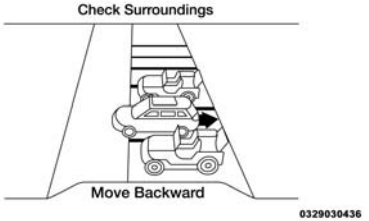
التحقق من المنطقة المحيطة - النقل إلى ترس الرجوع للخلف

عندما يقوم السائق بوضع ذراع النقل في وضع REVERSE (الرجوع للخلف)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه

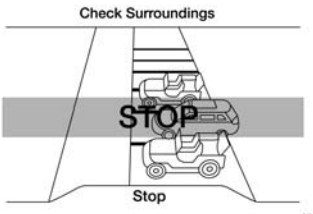
ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للخلف.



التحقق من المنطقة المحيطة - التحرك للخلف

- **إذا تم إلغاء النظام أثناء المناورة لأي سبب، فيجب على السائق التحكم في السيارة.**

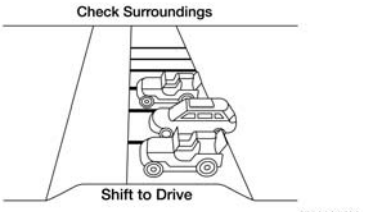
عند وصول السيارة إلى نهاية حركتها للخلف، يقوم النظام بإرشاد السائق إلى التحقق من المنطقة المحيطة وإيقاف حركة السيارة.



التحقق من المنطقة المحيطة - التوقف

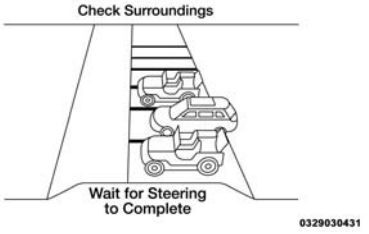
ملاحظة: تقع على السائق مسؤولية استخدام الفرامل وإيقاف السيارة. ينبغي أن يقوم السائق بالتحقق من المنطقة المحيطة لإيقاف السيارة سواء عندما يتم إرشاده إلى ذلك أو عندما يكون تدخل السائق مطلوبًا.

بمجرد توقف السيارة، سيتم إرشاد السائق إلى وضع ذراع النقل في وضع DRIVE (القيادة).



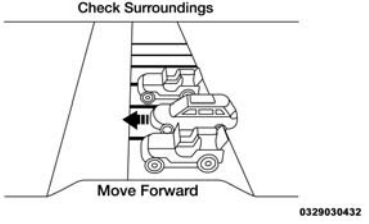
التحقق من المنطقة المحيطة - النقل إلى ترس القيادة

عندما يقوم السائق بوضع ذراع النقل في وضع DRIVE (القيادة)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



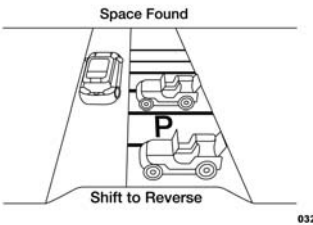
التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للأمام.



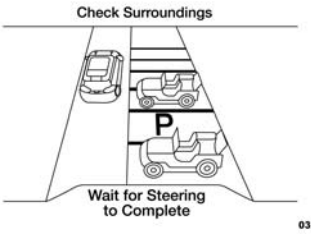
التحقق من المنطقة المحيطة - التحرك للأمام

بمجرد توقف السيارة مع رفع يديك عن عجلة القيادة، يُطلب منك وضع ذراع النقل في وضع REVERSE (الرجوع للخلف).



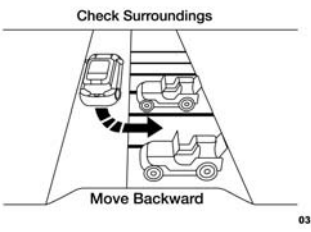
تم العثور على مساحة خالية - النقل إلى وضع REVERSE (الرجوع للخلف)

عندما يقوم السائق بوضع ذراع النقل في وضع REVERSE (الرجوع للخلف)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه

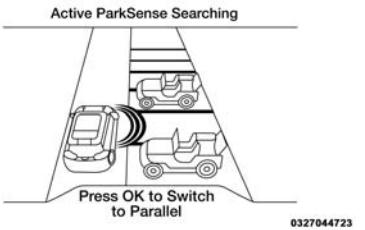
ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للخلف.



التحقق من المنطقة المحيطة - التحرك للخلف

ملاحظة:

- **تقع على السائق مسؤولية استخدام الفرامل ودواسة الوقود أثناء مناورة التوقف شبه الأوتوماتيكية.**
- **عندما يوجه النظام السائق إلى رفع اليدين عن عجلة القيادة، فيجب على السائق التحقق من المنطقة المحيطة والبدء في الرجوع إلى الخلف ببطء.**
- **يسمح نظام مساعد التوقف النشط ®ParkSense بحد أقصى 6 انتقالات للتروس بين ترس DRIVE (القيادة) (ناقل الحركة الأوتوماتيكي) أو ترس للأمام (ناقل الحركة اليدوي) وترس REVERSE (الرجوع للخلف). إذا تعذّر إكمال المناورة في خلال 6 انتقالات للتروس، فسيتم إلغاء النظام ويقوم مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) بإرشاد السائق إلى إكمال المناورة يدويًا.**
- **سيقوم النظام بإلغاء المناورة إذا تجاوزت سرعة السيارة عن 7 كم/ساعة (5 أميال/الساعة) أثناء توجيه القيادة النشط في مكان التوقف. ويقوم النظام بتقديم تحذير للسائق عند الوصول لسرعة 5 كم/ساعة (3 أميال/الساعة) ليعلمه بإبطاء السرعة. وسيكون عندئذٍ السائق مسؤولًا عن الانتهاء من المناورة إذا تم إلغاء النظام.**

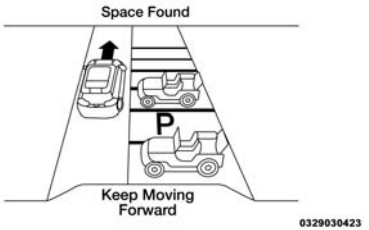


شاشة عرض البحث بنظام **ParkSense** النشط

ملاحظة:

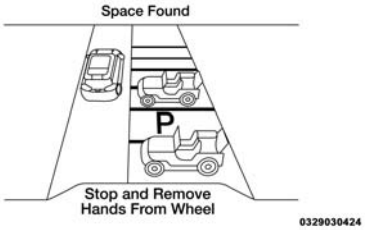
- **عند البحث عن مكان للتوقف، استخدم مؤشر إشارة الانعطاف لتحديد أي جانب من السيارة ترغب في إجراء مناورة التوقف منه. سيقوم نظام مساعد التوقف النشط ®ParkSense تلقائيًا بالبحث عن مكان للتوقف من ناحية جانب الراكب من السيارة إذا لم يتم تنشيط إشارة الانعطاف.**
- **ينبغي أن يتأكد السائق أن مكان التوقف المحدد لإجراء المناورة خاليًا وليس به أي عوائق (مثل: المشاة أو الدراجات أو ما شابه).**
- **يعد السائق مسؤولاً عن ضمان مناسبة مكان التوقف المحدد لإجراء المناورة وأنه خاليًا/ليس به أي عوائق قد تكون عالقة أو بارزة في مكان التوقف (مثل: سلالم أو أبوب خلفية أو ما شابه من الأشياء/السيارات المحيطة).**
- **عند السعي لإيجاد مكان للتوقف، ينبغي أن يقود السائق بصورة موازية أو عمودية (تبعًا لنوع المناورة) بالنسبة للسيارات الأخرى قدر الإمكان.**
- **سوف تشير هذه الميزة فقط إلى آخر مكان توقف تم اكتشافه (مثال: إذا مررت على أماكن توقف متعددة، فسيقوم النظام فقط بالإشارة إلى آخر مكان للتوقف تم اكتشافه لإجراء المناورة).**

عند العثور على مكان توقف متاح والسيارة ليست في وضع، سيتم توجيهك للتحرك إلى الأمام للوضع الذي تكون فيه السيارة متوقفة بشكل عمودي.



تم العثور على مساحة خالية - تابع التحرك للأمام

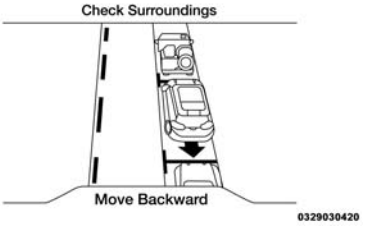
بمجرد وجود السيارة في الموضع، سيتم إرشادك لإيقاف حركة السيارة مع رفع يديك عن عجلة القيادة.



تم العثور على مساحة خالية - قف وارفع يديك عن عجلة القيادة

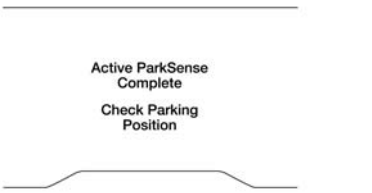
التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للخلف.



التحقق من المنطقة المحيطة - التحرك للخلف

السيارة الآن في وضع التوقف المتوازي. عند اكتمال المناورة، سيتم توجيه السائق إلى فحص موضع توقف السيارة. في حالة رضا السائق عن وضع السيارة، ينبغي الانتقال إلى وضع PARK (التوقف). سيتم عرض الرسالة "Active ParkSense Complete - Check Parking Position" (اكتمل نظام ParkSense النشط - تحقق من موضع التوقف) بشكل مؤقت.

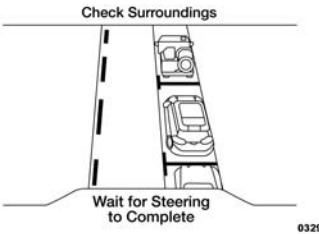


اكتمل نظام ParkSense النشط - تحقق من موضع التوقف

تشغيل/شاشة عرض مساعد مكان التوقف العمودي

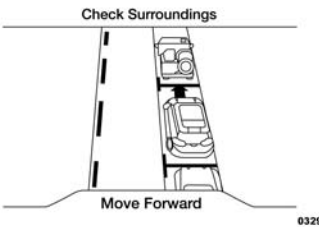
عند تمكين نظام مساعد التوقف النشط ®ParkSense، تظهر الرسالة "Active ParkSense Searching - Press OK to Switch to Perpendicular" (يقوم نظام ParkSense النشط بالبحث - اضغط على OK (موافق) للانتقال إلى الوضع العمودي) على شاشة مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID). اضغط على زر OK (موافق) على الجانب الأيسر من مفتاح عجلة القيادة لتغيير إعداد مكان التوقف إلى مناورة عمودية. إذا كنت ترغب، فيمكنك التبديل إلى التوقف بصورة موازية.

بمجرد قيام السائق بالضغط على OK (موافق) من أجل مناورة التوقف العمودية، سوف تظهر الرسالة "Active ParkSense Searching - Press OK to Switch to Parallel" (يقوم نظام ParkSense النشط بالبحث - اضغط على OK (موافق) للانتقال إلى الوضع الموازي) على شاشة مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).



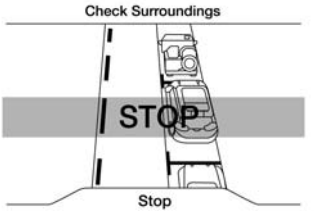
التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للأمام.



التحقق من المنطقة المحيطة - التحرك للأمام

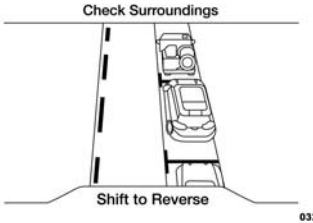
عند وصول السيارة إلى نهاية حركتها للأمام، يقوم النظام بإرشاد السائق إلى التحقق من المنطقة المحيطة وإيقاف حركة السيارة.



التحقق من المنطقة المحيطة - التوقف

ملاحظة: تقع على السائق مسؤولية استخدام الفرامل وإيقاف السيارة. ينبغي أن يقوم السائق بالتحقق من المنطقة المحيطة لإيقاف السيارة سواء عندما يتم إرشاده إلى ذلك أو عندما يكون تدخل السائق مطلوبًا.

بمجرد توقف السيارة، سيتم إرشاد السائق إلى وضع ذراع النقل في وضع REVERSE (الرجوع للخلف).

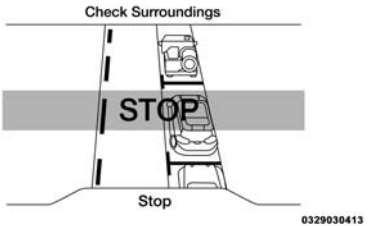


التحقق من المنطقة المحيطة - النقل إلى ترس الرجوع للخلف

عندما يقوم السائق بوضع ذراع النقل في وضع REVERSE (الرجوع للخلف)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.

- **سيقوم النظام بإلغاء المناورة إذا تجاوزت سرعة السيارة عن 7 كم/ساعة (5 أميال/الساعة) أثناء توجيه القيادة النشط في مكان التوقف. ويقوم النظام بتقديم تحذير للسائق عند الوصول لسرعة 5 كم/ساعة (3 أميال/الساعة) ليعلمه بإبطاء السرعة. وسيكون عندئذٍ السائق مسؤولاً عن الانتهاء من المناورة إذا تم إلغاء النظام.**
- **إذا تم إلغاء النظام أثناء المناورة لأي سبب، فيجب على السائق التحكم في السيارة.**

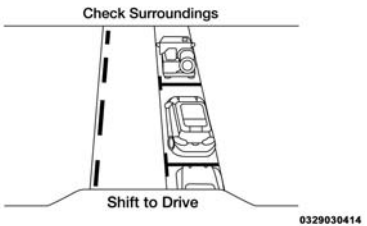
عند وصول السيارة إلى نهاية حركتها للخلف، يقوم النظام بإرشاد السائق إلى التحقق من المنطقة المحيطة وإيقاف حركة السيارة.



التحقق من المنطقة المحيطة - التوقف

ملاحظة: تقع على السائق مسؤولية استخدام الفرامل وإيقاف السيارة. ينبغي أن يقوم السائق بالتحقق من المنطقة المحيطة لإيقاف السيارة سواء عندما يتم إرشاده إلى ذلك أو عندما يكون تدخل السائق مطلوبًا.

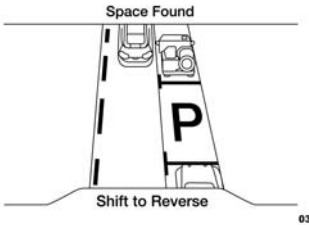
بمجرد توقف السيارة، سيتم إرشاد السائق إلى وضع ذراع النقل في وضع DRIVE (القيادة).



التحقق من المنطقة المحيطة - النقل إلى ترس القيادة

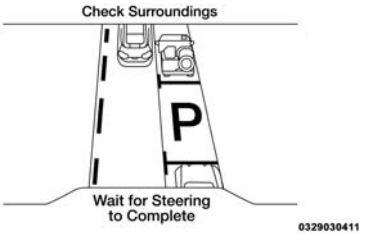
عندما يقوم السائق بوضع ذراع النقل في وضع DRIVE (القيادة)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.

بمجرد توقف السيارة مع رفع يديك عن عجلة القيادة، يُطلب منك وضع ذراع النقل في وضع REVERSE (الرجوع للخلف).



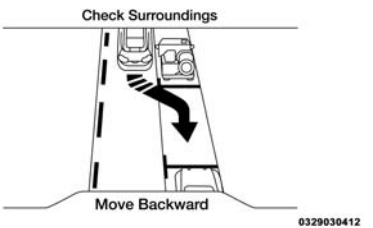
تم العثور على مساحة خالية - النقل إلى وضع REVERSE (الرجوع للخلف)

عندما يقوم السائق بوضع ذراع النقل في وضع REVERSE (الرجوع للخلف)، قد يرشد النظام السائق إلى الانتظار حتى يكتمل التوجيه.



التحقق من المنطقة المحيطة - الانتظار حتى اكتمال التوجيه

ثم يقوم النظام بعد ذلك بإرشاد السائق إلى التحقق من المنطقة المحيطة والتحرك للخلف.

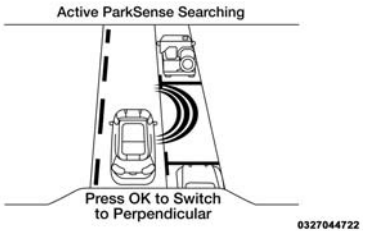


التحقق من المنطقة المحيطة - التحرك للخلف

ملاحظة:

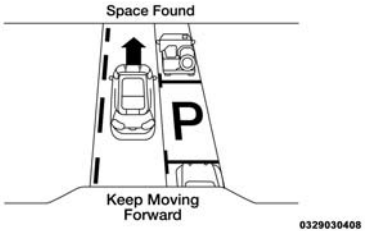
- **تقع على السائق مسؤولية استخدام الفرامل ودواسة الوقود أثناء مناورة التوقف شبه الأوتوماتيكية.**
- **عندما يوجه النظام السائق إلى رفع اليدين عن عجلة القيادة، فيجب على السائق التحقق من المنطقة المحيطة والبدء في الرجوع إلى الخلف ببطء.**
- **يسمح نظام مساعد التوقف النشط ®ParkSense بحد أقصى 6 انتقالات للتروس بين ترس DRIVE (القيادة) (ناقل الحركة الأوتوماتيكي) أو ترس للأمام (ناقل الحركة اليدوي) وترس REVERSE (الرجوع للخلف). إذا تعذّر إكمال المناورة في خلال 6 انتقالات للتروس، فسيتم إلغاء النظام ويقوم مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) بإرشاد السائق إلى إكمال المناورة يدويًا.**

- **ينبغي أن يتأكد السائق أن مكان التوقف المحدد لإجراء المناورة خاليًا وليس به أي عوائق (مثل: المشاة أو الدراجات أو ما شابه).**
- **يعد السائق مسؤولاً عن ضمان مناسبة مكان التوقف المحدد لإجراء المناورة وأنه خاليًا/ليس به أي عوائق قد تكون عالقة أو بارزة في مكان التوقف (مثل: سلالم أو أبوب خلفية أو ما شابه من الأشياء/السيارات المحيطة).**
- **عند السعي لإيجاد مكان للتوقف، ينبغي أن يقود السائق بصورة موازية أو عمودية (تبعًا لنوع المناورة) بالنسبة للسيارات الأخرى قدر الإمكان.**
- **سوف تشير هذه الميزة فقط إلى آخر مكان توقف تم اكتشافه (مثال: إذا مررت على أماكن توقف متعددة، فسيقوم النظام فقط بالإشارة إلى آخر مكان للتوقف تم اكتشافه لإجراء المناورة).**



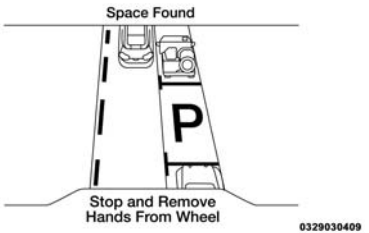
Active ParkSense Searching (يقوم نظام ParkSense النشط بالبحث)

عند العثور على مكان توقف متاح والسيارة ليست في وضع، سيتم توجيهك للتحرك إلى الأمام للوضع الذي تكون فيه السيارة متوقفة بشكل متواز.



تم العثور على مساحة خالية - تابع التحرك للأمام

بمجرد وجود السيارة في الموضع، سيتم إرشادك لإيقاف حركة السيارة مع رفع يديك عن عجلة القيادة.



تم العثور على مساحة خالية - قف وارفع يديك عن عجلة القيادة

- تداخل نظام التحكم في الاستقرار الإلكتروني / نظام الفرامل المانعة للانغلاق.
- يسمح نظام مساعد التوقف النشط ®ParkSense بحد أقصى 6 انتقالات للتروس بين ترس DRIVE (القيادة) (ناقل الحركة الأوتوماتيكي) أو ترس للأمام (ناقل الحركة اليدوي) وترس REVERSE (الرجوع للخلف). إذا تعذّر إكمال المناورة في خلال 6 انتقالات للتروس، فسيتم إلغاء النظام ويقوم مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) بإرشاد السائق إلى إكمال المناورة يدويًا.

يعمل نظام مساعد التوقف النشط ®ParkSense ويبحث فقط عن مكان للتوقف عند توافر الشروط التالية:

- وضع التروس في وضع DRIVE (القيادة) (ناقل الحركة الأوتوماتيكي) أو في الترس الأمامي (ناقل الحركة اليدوي).
- مفتاح التشغيل في وضع RUN (الانطلاق).
- تنشيط مفتاح مساعد التوقف النشط ®ParkSense.
- إغلاق باب السائق.
- إغلاق باب المؤخرة الخلفي.
- سرعة السيارة أقل من 25 كم/ساعة (15 ميلاً/الساعة).

ملاحظة:

في حالة قيادة السيارة بسرعة تزيد عن 25 كم/ساعة (15 ميلاً/الساعة)، سيقوم مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) بتوجيه السائق إلى خفض السرعة. في حالة قيادة السيارة بسرعة تزيد عن 30 كم/ساعة (18 ميلاً/الساعة) تقريبًا، يتم إلغاء النظام. يجب عندئذٍ على السائق إعادة تنشيط النظام بالضغط على مفتاح مساعد التوقف النشط ®ParkSense.

- أن يكون السطح الخارجي والجانب السفلي من الواجهتين الأمامية والخلفية/المصدات نظيفًا وخاليًا من الجليد أو الثلج أو الوحل أو الأوساخ أو أي عوائق أخرى.

عند الضغط عليه، يومض مفتاح مساعد التوقف النشط ®ParkSense لفترة وجيزة، ثم ينطفئ مصباح LED إذا كانت أي من الشروط السابقة غير متوفرة.

تشغيل/شاشة عرض مساعد مكان التوقف المتوازي

عند تمكين نظام مساعد التوقف النشط ®ParkSense، تظهر الرسالة "Active ParkSense Searching - Press OK to Switch to Perpendicular" (يقوم نظام ParkSense النشط بالبحث - اضغط على OK (موافق) للانتقال إلى الوضع العمودي) على شاشة مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID). إذا كنت ترغب، فيمكنك التبديل إلى التوقف بصورة عمودية. اضغط على زر OK (موافق) على الجانب الأيسر من مفتاح عجلة القيادة لتغيير إعداد مكان التوقف.

ملاحظة:

- **عند البحث عن مكان للتوقف، استخدم مؤشر إشارة الانعطاف لتحديد أي جانب من السيارة ترغب في إجراء مناورة التوقف منه. سيقوم نظام مساعد التوقف النشط ®ParkSense تلقائيًا بالبحث عن مكان للتوقف من ناحية جانب الراكب من السيارة إذا لم يتم تنشيط إشارة الانعطاف.**

- **أثناء المناورة شبه الأوتوماتيكية، إذا لمس السائق عجلة القيادة بعد إعطاءه إرشادات برفع يده عنها، فسيتم إلغاء النظام ويُطلب من السائق إكمال المناورة.**
- **قد لا يعمل النظام في جميع الظروف (على سبيل المثال، الظروف البيئية مثل الأمطار الغزيرة أو الثلج، إلخ، أو إذا كنت تبحث عن مساحة توقف ذات أسطح تمتص موجات المستشعر فوق الصوتية).**
- **يجب أن تسير السيارات الجديدة المباعة من قِبل الوكيل على الأقل مسافة 30 ميلاً قبل أن تتم معايرة نظام مساعد التوقف النشط ®ParkSense بالكامل من أجل أن يؤدي وظيفته بدقة. ويرجع هذا إلى نظام المعايرة الديناميكية للسيارة من أجل تحسين أداء الميزة. كما يقوم النظام بشكل مستمر بتنفيذ المعايرة الديناميكية للسيارة ليعوض الاختلافات مثل عبر الإطارات ذات مستويات الانتفاخ الزائدة أو المنخفضة أو الإطارات الجديدة.**

تمكين نظام مساعد التوقف النشط ®ParkSense وتعطيله

يمكن تمكين نظام مساعد التوقف النشط ®ParkSense نشطًا وتعطيلها باستخدام مفتاح مساعد التوقف النشط ®ParkSense، الموجود على لوحة المفاتيح أسفل شاشة نظام ®Uconnect.

مفتاح مساعد التوقف النشط ®ParkSense

لتمكين نظام مساعد التوقف النشط ®ParkSense، اضغط على مفتاح مساعد التوقف النشط ®ParkSense مرة واحدة (سيضيء مصباح LED).

لتعطيل نظام مساعد التوقف النشط ®ParkSense، اضغط على مفتاح مساعد التوقف النشط ®ParkSense مرة أخرى (سينطفئ مصباح LED).

سيتم إيقاف تشغيل نظام مساعد التوقف النشط ®ParkSense أوتوماتيكيًا في حالة حدوث أي من الظروف التالية:

- اكتمال مناورة التوقف.
- سرعة السيارة أكبر من 30 كم/ساعة (18 ميلاً/الساعة) عند البحث عن مكان للتوقف.
- سرعة السيارة أعلى من 7 كم/ساعة (5 أميال/الساعة) أثناء توجيه القيادة النشط في مكان التوقف.
- لمس عجلة القيادة أثناء توجيه القيادة النشط في مكان التوقف.
- الضغط على مفتاح مساعد التوقف الأمامي والخلفي ®ParkSense.
- فتح باب السائق.
- فتح باب المؤخرة الخلفي.

تنبيه!

- يعتبر نظام مساعد التوقف الخلفي ®ParkSense بمثابة أداة مساعدة في إيقاف السيارة، وليس بإمكانه التعرف على كل عائق بما ذلك في العوائق الصغيرة. قد يتم اكتشاف حواف رصيف التوقف أو لا يتم اكتشافها على الإطلاق. لا يتم اكتشاف العوائق الموجودة بأعلى أو أسفل المستشعرات عند التصاقها بالمستشعرات.
- يجب قيادة السيارة ببطء عند استخدام نظام مساعد التوقف ®ParkSense ليمكنك إيقاف السيارة وقت اكتشاف العائق. يُنصح بأن ينظر السائق خلفه مع استخدامه نظام مساعد التوقف الخلفي ®ParkSense.

تحذير!

- يجب أن يتوخ سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام مساعد التوقف ®ParkSense. قم دائمًا بفحص منطقة خلف السيارة بحرص، وانظر خلفك وتأكد من عدم وجود مشاة أو سيارات أخرى أو عوائق ومناطق غير مرئية قبل الرجوع للخلف. تتحمل أنت مسؤولية القيادة ويجب عليك الاستمرار في الانتباه إلى ما حولك. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.
- يُنصح بشدة قبل استخدام نظام مساعد التوقف ®ParkSense بفصل مجموعة تركيب الكرة وكرة قضيب السحب من السيارة عند عدم استخدام السيارة للسحب. وقد ينجم عن عدم القيام بذلك التعرض للإصابة أو تلف بالسيارات أو تحطم العوائق لأن كرة قضيب السحب ستكون أقرب للعائق من مصد السيارة الخلفي وذلك عند إضاءة إصدار مكبر الصوت لنغمة مستمرة. ويمكن للمستشعرات أيضًا اكتشاف مجموعة تركيب كرة السحب وكرة قضيب السحب، اعتمادًا على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

نظام مساعد التوقف النشط ®PARKSENSE - إذا كانت السيارة مزودة بذلك

تم تصميم نظام مساعد التوقف النشط ®ParkSense لمساعدة السائق أثناء مناورات التوقف الموازية أو العمودية من خلال تحديد مساحة توقف صحيحة وتوفير إرشادات صوتية/مرئية والتحكم في عجلة القيادة. نظام مساعد التوقف النشط ®ParkSense معرّف كنظام "شبه أوتوماتيكي" حيث أن السائق يتحكم في الوقود وذراع النقل والفرامل. بناءً على تحديد السائق لمناورة التوقف، يتمكن نظام مساعد التوقف النشط ®ParkSense من المناورة بالسيارة في مساحة توقف متوازية أو عمودية على كلا الجانبين (أي، جانب السائق أو جانب الراكب).

ملاحظة:

- **يعتبر السائق دائمًا هو المسؤول عن التحكم في السيارة والمسؤول عن أي أشياء محيطة ويجب عليه التدخل حسب الحاجة.**
- **حيث إن النظام يوفر المساعدة للسائق ولا يعد بديلاً عن السائق.**

تنظيف نظام مساعد التوقف الخلفي ®ParkSense

قم بتنظيف مستشعرات نظام مساعد التوقف الخلفي ®ParkSense بالماء أو صابون غسيل السيارات مع قطعة قماش ناعمة. لا تستخدم أقمشة خشنة أو صلبة. لا تخدش المستشعرات أو تثقبها. فقد ينجم عن ذلك تلف المستشعرات.

احتياطات الاستخدام الخاصة بنظام مساعد التوقف ®ParkSense

ملاحظة:

- **تأكد من خلو المصد الأمامي والخلفي من الجليد أو الثلج أو الوحل أو القاذورات أو الرواسب لكي يعمل نظام مساعد التوقف ®ParkSense بشكل صحيح.**
- **قد تؤثر معدات الإنشاء والشاحنات الكبيرة ومصادر الذبذبات الأخرى على أداء نظام ®ParkSense.**
- **عند إيقاف تشغيل نظام مساعد التوقف ®ParkSense، تعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف PARKSENSE). وعلاوة على ذلك، بمجرد إيقاف تشغيل نظام ®ParkSense، فإنه يستمر على حالة الإيقاف حتى تقوم بتشغيله ثانية، وحتى إذا قمت بتدوير مفتاح التشغيل.**
- **عند تحريك ذراع النقل إلى وضع REVERSE (الرجوع للخلف) مع إيقاف تشغيل نظام مساعد التوقف ®ParkSense، ستعرض مجموعة أجهزة القياس الرسالة "PARK ASSIST OFF" (إيقاف تشغيل مساعد التوقف PARKSENSE) طالما كانت السيارة في وضع REVERSE (الرجوع للخلف).**
- **عند تشغيل نظام ®ParkSense سينخفض مستوى صوت الراديو عند إصداره لنغمة صوتية.**
- **نظف مستشعرات نظام مساعد التوقف الخلفي ®ParkSense بانتظام، واحرص على عدم خدشها أو إتلافها. احرص على عدم تغطية المستشعرات بالثلوج أو الرمال أو الطين أو الشحم أو القاذورات. وعدم الحرص على ذلك قد ينجم عنه عدم عمل النظام بشكل سليم. قد لا يستشعر النظام ®ParkSense وجود عائق أمام أو خلف المصد، أو قد يعطي إشارة غير صحيحة عن وجود عائق أمام أو خلف المصد.**
- **استخدم مفتاح ®ParkSense لإيقاف تشغيل نظام مساعد التوقف ®ParkSense في حالة وضع أشياء مثل حاملات الدراجات وقضبان ربط المقطورات وما شابه في نطاق 12 بوصة (30 سم) من اللوحة/المصد الخلفي. وفي حالة عدم مراعاة ذلك، قد ينجم افتراض وجود مشكلة بالمستشعر لقرب العائق، وهو الأمر الذي يتسبب في عرض رسالة "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متاح، يلزم إجراء الصيانة) في مجموعة أجهزة القياس.**
- **ينبغي تعطيل نظام ®ParkSense عندما يكون باب المؤخرة في الوضع المفتوح. وقد يعطي باب المؤخرة المفتوح إشارة غير صحيحة عن وجود عائق خلف السيارة.**
- **يمكن أن يكون هناك تأخرًا في معدّل نظام اكتشاف الأجسام إذا كان الجسم متحركًا. وسيؤدي ذلك إلى تطبيق تلقائي للفرامل ليتم التأخير.**

صيانة نظام مساعد التوقف ®ParkSense

أثناء بدء تشغيل السيارة، عندما يكتشف نظام مساعد التوقف ®ParkSense وجود حالة عطل، سوف تصدر مجموعة أجهزة القياس إشارة صوتية واحدة، مرة واحدة لكل دورة تشغيل، وسوف يعرض الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الأمامية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) لمدة خمس ثوان. وعند تحريك ذراع النقل/محدد التروس إلى وضع REVERSE (الرجوع للخلف) واكتشاف النظام وجود حالة عطل، سيعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الأمامية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) لمدة خمس ثوان. بعد خمس ثوان، ستظهر صورة سيارة مع كلمة "UNAVAILABLE" (غير متوفر) إما على موضع المستشعر الأمامي أو الخلفي بناءً على موضع اكتشاف العطل. سوف يستمر النظام في تقديم تنبيهات على هيئة أقواس للجانب الذي يعمل بشكل صحيح. ستقطع التنبيهات على شكل أقواس رسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الأمامية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) إذا تم اكتشاف هدف خلال فترة الثواني الخمس. وستظل صور السيارة معروضة طالما كانت السيارة في وضع REVERSE (الرجوع للخلف). راجع "مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID)" للحصول على مزيد من المعلومات.

في حالة ظهور الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف الخلفي غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE WIPE FRONT SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الأمامية) في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID)، تأكد من أن السطح الخارجي والجزء السفلي من اللوحة/المصد الخلفي و/أو اللوحة/المصد الأمامي نظيف وخالي من الجليد أو الثلوج أو الطين أو الغبار أو أي عوائق أخرى، ثم أدر مفتاح التشغيل. إذا استمرت الرسالة في الظهور، فراجع الوكيل المعتمد.

إذا ظهرت رسالة "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)، فيُرجى مراجعة الوكيل المعتمد.

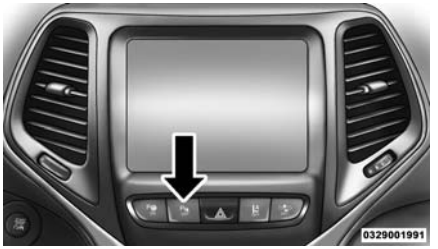
إذا كانت السيارة مزودة بنظام ®Uconnect، فلن يمكن الوصول إلى إعدادات مستوى صوت الصافرة من مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).

تشمل إعدادات مستوى صوت الصافرة LOW (منخفض) وMEDIUM (متوسط) وHIGH (عالٍ). إعداد مستوى الصوت الافتراضي للمصنع هو MEDIUM (متوسط).

سوف يحتفظ نظام ®ParkSense بآخر حالة تهيئة معروفة خلال دورات التشغيل.

تمكين نظام مساعد التوقف ®ParkSense وتعطيله

يمكن تمكين مساعد التوقف ®ParkSense وتعطيله بواسطة مفتاح ®ParkSense الموجود على لوحة المفاتيح أسفل شاشة ®Uconnect.



مفتاح ®ParkSense

عند الضغط على مفتاح ®ParkSense لتعطيل النظام، ستعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف PARKSENSE) لخمس ثوان تقريبًا. راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" في قسم "فهم لوحة أجهزة القياس" أو "شاشة عرض معلومات السائق (DID)" للحصول على مزيد من المعلومات. عند تحريك ذراع النقل إلى وضع REVERSE (الرجوع للخلف) وتعطيل النظام، سيعرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID) الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف PARKSENSE) طوال مدة بقاء السيارة في وضع REVERSE (الرجوع للخلف).

يضئ مصباح LED الخاص بمفتاح نظام مساعد التوقف ®ParkSense عند تعطيل نظام ®ParkSense أو حاجته للصيانة. ينطفئ مصباح LED الخاص بنظام مساعد التوقف الخلفي ®ParkSense عند تمكين النظام. إذا تم الضغط على مفتاح ®ParkSense وكان بحاجة إلى الصيانة، فسوف يومض مصباح LED الخاص بمفتاح ®ParkSense لحظيًا، ثم يضيء مصباح LED.

تصبح السيارة قريبة من العائق عندما تعرض شاشة التحذير قوسًا واحدًا وامضًا وتصدر نغمة صوتية مستمرة.

يعرض الجدول التالي عملية تنبيه التحذير عند اكتشاف النظام لوجود عائق:

تنبيهات التحذير					
المسافة الأمامية (بوصة/سم)	أكبر من 120 سم (47 بوصة)	47 - 39 بوصة (120 - 100 سم)	39 - 25 بوصة (100 - 65 سم)	25 - 12 بوصة (65 - 30 سم)	أقل من 12 بوصة (30 سم)
الأقواس - اليسرى	لا يوجد	لا يوجد	لا يوجد	الثاني الوامض	الأول الوامض
الأقواس - المركزية	لا يوجد	الرابع الثابت	الثالث الوامض	الثاني الوامض	الأول الوامض
الأقواس - اليمنى	لا يوجد	لا يوجد	لا يوجد	الثاني الوامض	الأول الوامض
التنبيه الصوتي إشارة صوتية	لا يوجد	لا يوجد	لا يوجد	سريع	مستمرة
تم خفض مستوى صوت الراديو	لا	لا	لا	نعم	نعم

ملاحظة: يعمل نظام ®ParkSense على خفض مستوى صوت الراديو، إذا كان قيد التشغيل، عند إصدار النظام لنغمة صوتية.

الإنذارات الصوتية لمساعد التوقف الأمامي

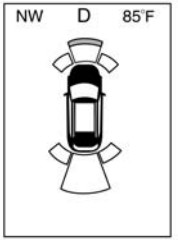
سيقوم مساعد التوقف ®ParkSense بإيقاف الإنذار الصوتي لمساعد التوقف الأمامي (صافرة) بعد ثلاث ثوان تقريبًا عند اكتشاف عائق، والسيارة ثابتة، أثناء الضغط على دواسة الفرامل.

إعدادات مستوى صوت الصافرة القابلة للضبط

يمكن تحديد إعدادات مستوى صوت الصافرة الأمامية والخلفية من قسم الميزات القابلة للبرمجة بواسطة العميل من نظام ®Uconnect، راجع "إعدادات نظام Uconnect" في "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات.

في حالة اكتشاف عائق في وسط المنطقة الأمامية، ستعرض الشاشة قوسًا مفردًا في وسط المنطقة الأمامية. عند اقتراب السيارة من العائق، ستعرض الشاشة قوسًا واحدًا يتحرك بالقرب من السيارة. سوف تصدر نغمة تنبيه سريعة عند الوصول إلى القوس الثاني الوامض وسوف تتغير النغمة إلى نغمة تنبيه مستمرة عند ظهور القوس الأول الوامض.

في حالة اكتشاف عائق في يسار و/أو يمين المنطقة الأمامية، ستعرض الشاشة قوسًا مفردًا وامضًا في يسار و/أو يمين المنطقة الأمامية وستصدر نغمة تنبيه سريعة. عند اقتراب السيارة من العائق ستعرض الشاشة قوسًا واحدًا يتحرك بالقرب من السيارة وستتغير النغمة الصوتية من نغمة صوتية سريعة إلى مستمرة.



0329002059

لا توجد نغمة/قوس ثابت

0329002061

نغمة سريعة/قوس وامض

0329002060

لا توجد نغمة/قوس وامض

0329002062

نغمة مستمرة/قوس وامض

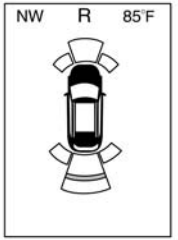
تنبيهات التحذير							
المسافة الخلفية (بوصة/سم)	أكبر من 79 بوصة (200 سم)	59-79 بوصة (150-200 سم)	47-59 بوصة (120-150 سم)	39 - 47 بوصة (100 - 120 سم)	25 - 39 بوصة (65 - 100 سم)	12 - 25 بوصة (30 - 65 سم)	أقل من 12 بوصة (30 سم)
الأقواس - اليسرى	لا يوجد	لا يوجد	لا يوجد	لا يوجد	لا يوجد	الثاني الوامض	الأول الوامض
الأقواس - المركزية	لا يوجد	السادس الثابت	الخامس الثابت	الرابع الثابت	الثالث الوامض	الثاني الوامض	الأول الوامض
الأقواس - اليمنى	لا يوجد	لا يوجد	لا يوجد	لا يوجد	لا يوجد	الثاني الوامض	الأول الوامض
التنبيه الصوتي إشارة صوتية	لا يوجد	نغمة واحدة لمدة نصف ثانية (لمنتصف المنطقة الخلفية فقط)	بطيء (لمنتصف المنطقة الخلفية فقط)	بطيء (لمنتصف المنطقة الخلفية فقط)	سريع (لمنتصف المنطقة الخلفية فقط)	سريع	مستمرة
تم خفض مستوى صوت الراديو	لا	نعم	نعم	نعم	نعم	نعم	نعم

ملاحظة: يعمل نظام ®ParkSense على خفض مستوى صوت الراديو، إذا كان قيد التشغيل، عند إصدار النظام لنغمة صوتية.

مساعد التوقف الأمامي

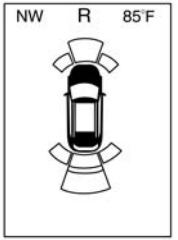
عندما تكون السيارة في وضع DRIVE (القيادة) أو غير وضع REVERSE (الرجوع للخلف) لناقل الحركة اليدوي، تظهر الشاشة التحذيرية لنظام مساعد التوقف الخلفي ®ParkSense عند اكتشاف عائق.

سيشير النظام إلى عائق تم اكتشافه من خلال عرض قوس مفرد في منطقة أو أكثر بناءً على مسافة العائق والموقع النسبي للسيارة.



0329002065

نغمة بطيئة/قوس ثابت



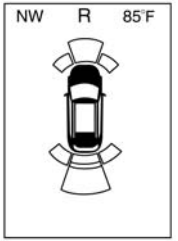
0329002066

نغمة سريعة/قوس وامض

0329002021

نغمة مستمرة/قوس وامض

تصبح السيارة قريبة من العائق عندما تعرض شاشة التحذير قوسًا واحدًا وامضًا وتصدر نغمة صوتية مستمرة. يعرض الجدول التالي عملية تنبيه التحذير عند اكتشاف النظام لوجود عائق:



0329002019

نغمة سريعة/قوس وامض

شاشة عرض نظام مساعد التوقف ®ParkSense

مساعد التوقف الخلفي

عندما تكون السيارة في وضع REVERSE (الرجوع للخلف)، ستعرض شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID) حالة جهوزية نظام مساعد التوقف.

سيشير النظام إلى عائق تم اكتشافه من خلال عرض قوس مفرد في منطقة أو أكثر بناءً على مسافة العائق والموقع النسبي للسيارة.

في حالة اكتشاف عائق في منتصف المنطقة الخلفية، ستعرض الشاشة قوسًا مفردًا ثابتًا في منتصف المنطقة الخلفية وسيصدر نغمة تنبيه لمدة نصف ثانية. عند اقتراب السيارة من العائق ستعرض الشاشة قوسًا واحدًا يتحرك بالقرب من السيارة وستتغير النغمة الصوتية من نغمة صوتية بطيئة إلى سريعة ثم إلى مستمرة.

في حالة اكتشاف عائق في يسار و/أو يمين المنطقة الخلفية، ستعرض الشاشة قوسً مفردًا وامضًا في يسار و/أو يمين المنطقة الخلفية وسيصدر نغمة تنبيه سريعة. عند اقتراب السيارة من العائق ستعرض الشاشة قوسًا واحدًا يتحرك بالقرب من السيارة وستتغير النغمة الصوتية من نغمة صوتية سريعة إلى مستمرة.

0329002063

نغمة صوتية لمدة نصف ثانية/قوس واحد ثابت

0329002064

نغمة بطيئة/قوس ثابت

ملاحظة:

- **يكون السائق دائمًا مسؤولًا عن التحكم في السيارة.**
- **حيث إن النظام يوفر المساعدة للسائق ولا يعد بديلًا عن السائق.**
- **يجب أن يظل السائق متحكمًا بالكامل في تسارع السيارة والفرامل وهو المسؤول عن تحركات السيارة.**

راجع احتياطات الاستخدام الخاصة بنظام ®ParkSense لمعرفة قيود استخدام هذا النظام وكذلك التوصيات الخاصة به.

سيتذكر ®ParkSense آخر حالة للنظام (سواء كان مُمكنًا أم مُعطلًا) من آخر دورة تشغيل عند تغيير وضع التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

يمكن أن ينشط مساعد التوقف ®ParkSense فقط في حال كان ذراع النقل في وضع REVERSE (الرجوع إلى الخلف) أو DRIVE (القيادة). إذا تم تمكين نظام مساعد التوقف ®ParkSense في أحد أوضاع ذراع النقل هذه، يصبح النظام نشطًا حتى تزداد سرعة السيارة إلى ما يقرب من 11 كم/ساعة (7 أميال/ساعة) أو أكثر. عندما تكون السيارة في وضع REVERSE (الرجوع للخلف) وأعلى من سرعة تشغيل النظام، سيظهر تحذير في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) يشير إلى أن سرعة السيارة مرتفعة جدًا. ينشط النظام مرة أخرى إذا انخفضت سرعة السيارة إلى أقل من 9 كم/الساعة (6 أميال/الساعة) تقريبًا.

مستشعرات نظام مساعد التوقف الخلفي ®ParkSense

تراقب المستشعرات الأربعة الخاصة بنظام مساعد التوقف الخلفي ®ParkSense، الموجودة في اللوحة/المصد الخلفي، المنطقة الواقعة خلف السيارة في مجال رؤية المستشعرات. ويمكن للمستشعرات اكتشاف العوائق من على بعد 30 سم (12 بوصة) وحتى 200 سم (79 بوصة) من اللوحة/المصد الخلفي في الاتجاه الأفقي، وذلك وفقًا لموقع واتجاه العائق ونوعه.

ملاحظة: إذا كانت سيارتك مزودة بنظام مساعد التوقف النشط ®ParkSense، ستوجد ستة مستشعرات في اللوحة الخلفية/المصد الخلفي. راجع القسم "نظام مساعد التوقف النشط ®ParkSense" للحصول على مزيد من المعلومات.

تراقب مستشعرات مساعد التوقف الخلفي ®ParkSense الستة الموجودة في المصد الأمامي المنطقة الموجودة أمام السيارة والتي تعتبر في مجال رؤية المستشعرات. ويمكن للمستشعرات اكتشاف العوائق من على بعد 30 سم (12 بوصة) وحتى 120 سم (47 بوصة) من المصد الأمامي في الاتجاه الأفقي، وذلك وفقًا لموقع واتجاه العائق ونوعه.

الشاشة التحذيرية لنظام ®ParkSense

سيتم عرض الشاشة التحذيرية لنظام مساعد التوقف ®ParkSense فقط في حال تحديد الصوت والعرض من قسم الميزات القابلة للبرمجة بواسطة العميل في نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

توجد الشاشة التحذيرية لنظام ®ParkSense في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID). وهي توفر تحذيرات بصرية تشير إلى المسافة بين اللوحة/المصد الخلفي و/أو اللوحة/المصد الأمامي والعائق المكتشف. راجع "مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID) بقياس 7 بوصات" للحصول على مزيد من المعلومات.

تحذير!

- يجب أن يتوخ سائقو السيارات الحرص عند الرجوع للخلف حتى عند استخدام نظام مساعد التوقف ®ParkSense. قم دائمًا بفحص منطقة خلف السيارة بحرص، وانظر خلفك وتأكد من عدم وجود مشاة أو سيارات أخرى أو عوائق ومناطق غير مرئية قبل الرجوع للخلف. تتحمل أنت مسؤولية القيادة ويجب عليك الاستمرار في الانتباه إلى ما حولك. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.
- يُنصح بشدة قبل استخدام نظام مساعد التوقف ®ParkSense بفصل مجموعة تركيب الكرة وكرة قضيب السحب من السيارة عند عدم استخدام السيارة للسحب. وقد ينجم عن عدم القيام بذلك التعرض للإصابة أو تلف بالسيارات أو تحطم العوائق لأن كرة قضيب السحب ستكون أقرب للعائق من مصد السيارة الخلفي وذلك عند إضاءة إصدار مكبر الصوت لنغمة مستمرة. ويمكن للمستشعرات أيضًا اكتشاف مجموعة تركيب كرة السحب وكرة قضيب السحب، اعتمادًا على حجمها وشكلها، بما يعطي إشارة غير صحيحة عن وجود عائق خلف السيارة.

مساعدات التوقف الأمامي والخلفي ®PARKSENSE — إذا كانت السيارة مزودة بذلك

يعمل نظام مساعد التوقف ®ParkSense على عرض إشارات مرئية وصوتية للمسافة الواقعة بين مقدمة اللوحة الخلفية و/أو الأمامية وبين عائق تم اكتشافه عند الرجوع إلى الخلف أو السير للأمام، أثناء مناورات التوقف مثلاً. إذا كانت سيارتك مزودة بناقل حركة أوتوماتيكي، فقد يتم تشغيل فرامل السيارة أوتوماتيكيًا وتحريرها عند تنفيذ مناورة التوقف والرجوع للخلف إذا اكتشف النظام احتمالية حدوث تصادم مع أحد العوائق.

ملاحظة:

- **يمكن للسائق تجاوز وظيفة الفرامل الأوتوماتيكية بالضغط على دواسة البنزين الفرملة الأوتوماتيكية أو إيقاف تشغيل نظام ®ParkSense من خلال مفتاح ®ParkSense، أو تغيير الترس أثناء تشغيل الفرامل الأوتوماتيكية.**
- **لن تتوافر الفرامل الأوتوماتيكية إذا لم يتوافر نظام التحكم في الاستقرار الإلكتروني (ESC).**
- **لن تتوافر الفرامل الأوتوماتيكية في حالة اكتشاف عطل في نظام مساعد التوقف ®ParkSense أو وحدة نظام الفرامل.**
- **قد يتم تشغيل وظيفة الفرامل الأوتوماتيكية فقط إذا كان تباطؤ السيارة غير كافٍ لتجنب التصادم بعائق تم اكتشافه.**
- **قد لا يتم تشغيل وظيفة الفرامل الأوتوماتيكية بسرعة كافية بالنسبة للعوائق التي تتحرك في اتجاه مؤخرة السيارة من الجانبين الأيسر و/أو الأيمن.**
- **يمكن تمكين/تعطيل وظيفة الفرامل الأوتوماتيكية من قسم الميزات القابلة للبرمجة بواسطة العميل من نظام ®Uconnect.**
- **سوف يحتفظ نظام ®ParkSense بآخر حالة تهيئة معروفة لوظيفة الفرامل الأوتوماتيكية خلال دورات التشغيل.**

تهدف وظيفة الفرامل الأوتوماتيكية إلى مساعدة السائق على تفادي التصادمات المحتملة مع العوائق التي يتم اكتشافها عند الرجوع للخلف باستخدام ترس REVERSE (الرجوع للخلف).

- **قد تؤثر المطارق التي تعمل بضغط الهواء والشاحنات الكبيرة ومصادر الذبذبات الأخرى على أداء نظام مساعد التوقف ®ParkSense.**
- **عند إيقاف تشغيل نظام مساعد التوقف ®ParkSense، تعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف PARKSENSE). وعلاوة على ذلك، بمجرد إيقاف تشغيل نظام ®ParkSense، فإنه يستمر على حالة الإيقاف حتى تقوم بتشغيله ثانية، وحتى إذا قمت بتدوير مفتاح التشغيل.**
- **عند تحريك ذراع النقل إلى وضع REVERSE (الرجوع للخلف) مع إيقاف تشغيل نظام مساعد التوقف الخلفي ®ParkSense، سيعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) الرسالة "PARKSENSE OFF" (إيقاف تشغيل مساعد التوقف PARKSENSE) طالما كانت السيارة في وضع REVERSE (الرجوع للخلف).**
- **عند تشغيل نظام ®ParkSense سينخفض مستوى صوت الراديو عند إصداره لنغمة صوتية.**
- **نظف مستشعرات نظام مساعد التوقف الخلفي ®ParkSense بانتظام، واحرص على عدم خدشها أو إتلافها. احرص على عدم تغطية المستشعرات بالثلوج أو الرمال أو الطين أو الشحم أو القاذورات. وعدم الحرص على ذلك قد ينجم عنه عدم عمل النظام بشكل سليم. قد لا يكتشف نظام مساعد التوقف الخلفي ®ParkSense وجود عائق خلف اللوحة/المصد، أو قد يعطي إشارة غير صحيحة عند وجود عائق.**
- **استخدم مفتاح ®ParkSense لإيقاف تشغيل نظام مساعد التوقف ®ParkSense في حالة وضع أشياء مثل حاملات الدراجات وقضبان ربط المقطورات وما شابه في نطاق 12 بوصة (30 سم) من اللوحة/المصد الخلفي. وفي حالة عدم مراعاة ذلك، قد ينجم افتراض وجود مشكلة بالمستشعر لقرب العائق، وهو الأمر الذي يتسبب في عرض رسالة "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متاح، يلزم إجراء الصيانة) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).**
- **ينبغي تعطيل نظام ®ParkSense عندما يكون باب المؤخرة في الوضع المفتوح وتكون السيارة في وضع REVERSE (الرجوع للخلف). وقد يعطي باب المؤخرة المفتوح إشارة غير صحيحة عن وجود عائق خلف السيارة.**

تنبيه!

- يعتبر نظام مساعد التوقف الخلفي ®ParkSense بمثابة أداة مساعدة في إيقاف السيارة، وليس بإمكانه التعرف على كل عائق بما ذلك في العوائق الصغيرة. قد يتم اكتشاف حواف رصيف التوقف أو لا يتم اكتشافها على الإطلاق. لا يتم اكتشاف العوائق الموجودة بأعلى أو أسفل المستشعرات عند التصاقها بالمستشعرات.
- يجب قيادة السيارة ببطء عند استخدام نظام مساعد التوقف ®ParkSense ليمكنك إيقاف السيارة وقت اكتشاف العائق. يُنصح بأن ينظر السائق خلفه مع استخدامه نظام مساعد التوقف الخلفي ®ParkSense.

يضئ مصباح LED الخاص بمفتاح نظام مساعد التوقف ®ParkSense عند تعطيل نظام ®ParkSense أو حاجته للصيانة. ينطفئ مصباح LED الخاص بنظام مساعد التوقف الخلفي ®ParkSense عند تمكين النظام. إذا تم الضغط على مفتاح ®ParkSense وكان بحاجة إلى الصيانة، فسوف يومض مصباح LED الخاص بمفتاح ®ParkSense لحظيًا، ثم يضيء مصباح LED.

صيانة نظام مساعد التوقف الخلفي ®ParkSense

أثناء بدء تشغيل السيارة، عند اكتشاف نظام مساعد التوقف الخلفي ®ParkSense لحالة عطل، تنطلق من مجموعة أجهزة القياس إشارة صوتية واحدة، مرة عند كل دورة تشغيل، وستعرض الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف الخلفي غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف الخلفي غير متوفر، يلزم إجراء الصيانة). راجع "مركز معلومات السيارة الإلكتروني (EVIC) أو "شاشة عرض معلومات السائق (DID)" للحصول على مزيد من المعلومات. وعند تحريك ذراع النقل/محدد التروس إلى وضع REVERSE (الرجوع للخلف) واكتشاف النظام لحالة عطل، ستعرض شاشة عرض معلومات السائق (DID)/مركز معلومات السيارة الإلكتروني (EVIC) الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الخلفية) أو "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) طالما كانت السيارة في وضع REVERSE (الرجوع للخلف). وفي هذه الحالة، لن يعمل نظام مساعد التوقف الخلفي ®ParkSense.

إذا ظهرت الرسالة "PARKSENSE UNAVAILABLE WIPE REAR SENSORS" (نظام مساعد التوقف PARKSENSE غير متوفر، نظف المستشعرات الخلفية) في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID)، فتأكد من نظافة السطح الخارجي والجانب السفلي من اللوحة الخلفية/المصد الخلفي وخلوهما من الجليد أو الثلج أو الوحل أو القاذورات أو أي عوائق أخرى، ثم أدر مفتاح التشغيل. إذا استمرت الرسالة في الظهور، فراجع الوكيل المعتمد.

وفي حالة ظهور الرسالة "PARKSENSE UNAVAILABLE SERVICE REQUIRED" (نظام مساعد التوقف PARKSENSE غير متوفر، يلزم إجراء الصيانة) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)، راجع الوكيل المعتمد.

تنظيف نظام مساعد التوقف الخلفي ®ParkSense

قم بتنظيف مستشعرات نظام مساعد التوقف الخلفي ®ParkSense بالماء أو صابون غسيل السيارات مع قطعة قماش ناعمة. لا تستخدم أقمشة خشنة أو صلبة. لا تخدش المستشعرات أو تثقبها. فقد ينجم عن ذلك تلف المستشعرات.

احتياطات الاستخدام الخاصة بنظام مساعد التوقف ®ParkSense

ملاحظة:

- **تأكد من خلو المصد الخلفي من الجليد أو الثلج أو الوحل أو القاذورات أو الرواسب لكي يعمل نظام مساعد التوقف ®ParkSense بشكل صحيح.**

تنبيهات التحذير							
المسافة الخلفية (بوصة/سم)	أكبر من 79 بوصة (200 سم)	59-79 بوصة (150-200 سم)	47-59 بوصة (120-150 سم)	39 - 47 بوصة (100 - 120 سم)	25 - 39 بوصة (65 - 100 سم)	12 - 25 بوصة (30 - 65 سم)	أقل من 12 بوصة (30 سم)
التنبيه الصوتي إشارة صوتية	لا يوجد	نغمة واحدة لمدة نصف ثانية (لمنتصف المنطقة الخلفية فقط)	بطيء (لمنتصف المنطقة الخلفية فقط)	بطيء (لمنتصف المنطقة الخلفية فقط)	سريع (لمنتصف المنطقة الخلفية فقط)	سريع	مستمرة
تم خفض مستوى صوت الراديو	لا	نعم	نعم	نعم	نعم	نعم	نعم

ملاحظة: يعمل نظام ®ParkSense على خفض مستوى صوت الراديو، إذا كان قيد التشغيل، عند إصدار النظام لنغمة صوتية.

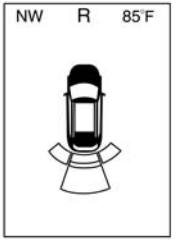
تمكين نظام مساعد التوقف ®ParkSense وتعطيله

يمكن تمكين مساعد التوقف ®ParkSense وتعطيله بواسطة مفتاح ®ParkSense الموجود على لوحة المفاتيح أسفل شاشة ®Uconnect.

مفتاح ®ParkSense

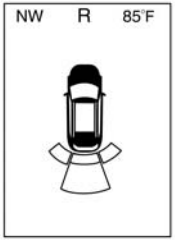
عند الضغط على مفتاح ®ParkSense لتعطيل النظام، ستعرض مجموعة أجهزة القياس الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف PARKSENSE) لخمس ثوان تقريبًا. راجع "شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)" في قسم "فهم لوحة أجهزة القياس" أو "شاشة عرض معلومات السائق (DID)" للحصول على مزيد من المعلومات. عند تحريك ذراع النقل إلى وضع REVERSE (الرجوع للخلف) وتعطيل النظام، سيعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) الرسالة "PARKSENSE OFF" (إيقاف تشغيل نظام مساعد التوقف PARKSENSE) طوال مدة بقاء السيارة في وضع REVERSE (الرجوع للخلف).

تصبح السيارة قريبة من العائق عندما تعرض شاشة التحذير قوسًا واحدًا وامضًا وتصدر نغمة صوتية مستمرة. يعرض الجدول التالي عملية تنبيه التحذير عند اكتشاف النظام لوجود عائق:



0329002020

نغمة سريعة/قوس وامض



0329002022

نغمة مستمرة/قوس وامض

تنبيهات التحذير							
المسافة الخلفية (بوصة/سم)	أكبر من 79 بوصة (200 سم)	59-79 بوصة (150-200 سم)	47-59 بوصة (120-150 سم)	39 - 47 بوصة (100 - 120 سم)	25 - 39 بوصة (65 - 100 سم)	12 - 25 بوصة (30 - 65 سم)	أقل من 12 بوصة (30 سم)
الأقواس - اليسرى	لا يوجد	لا يوجد	لا يوجد	لا يوجد	لا يوجد	الثاني الوامض	الأول الوامض
الأقواس - المركزية	لا يوجد	السادس الثابت	الخامس الثابت	الرابع الثابت	الثالث الوامض	الثاني الوامض	الأول الوامض
الأقواس - اليمنى	لا يوجد	لا يوجد	لا يوجد	لا يوجد	لا يوجد	الثاني الوامض	الأول الوامض

توجد الشاشة التحذيرية لنظام ®ParkSense في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID). وهي توفر تحذيرات بصرية تشير إلى المسافة بين اللوحة/المصد الخلفي والعائق المكتشف. راجع "مركز معلومات السيارة الإلكتروني (EVIC) أو "شاشة عرض معلومات السائق (DID)" للحصول على مزيد من المعلومات.

شاشة عرض نظام مساعد التوقف ®ParkSense

عندما تكون السيارة في وضع REVERSE (الرجوع للخلف)، ستعرض شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID) حالة جهوزية نظام مساعد التوقف.

سيشير النظام إلى عائق تم اكتشافه من خلال عرض قوس مفرد في منطقة أو أكثر بناءً على مسافة العائق والموقع النسبي للسيارة.

في حالة اكتشاف عائق في منتصف المنطقة الخلفية، ستعرض الشاشة قوسًا مفردًا ثابتًا في منتصف المنطقة الخلفية وسيصدر نغمة تنبيه لمدة نصف ثانية. عند اقتراب السيارة من العائق ستعرض الشاشة قوسًا واحدًا يتحرك بالقرب من السيارة وستتغير النغمة الصوتية من نغمة صوتية بطيئة إلى سريعة ثم إلى مستمرة.

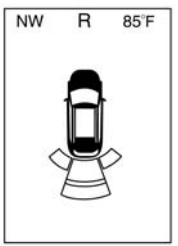
في حالة اكتشاف عائق في يسار و/أو يمين المنطقة الخلفية، ستعرض الشاشة قوسً مفردًا وامضًا في يسار و/أو يمين المنطقة الخلفية وسيصدر نغمة تنبيه سريعة. عند اقتراب السيارة من العائق ستعرض الشاشة قوسًا واحدًا يتحرك بالقرب من السيارة وستتغير النغمة الصوتية من نغمة صوتية سريعة إلى مستمرة.

0329002014

نغمة صوتية لمدة نصف ثانية/قوس واحد ثابت

0329002016

نغمة بطيئة/قوس ثابت



0329002018

نغمة بطيئة/قوس ثابت

ملاحظة: يعمل نظام LaneSense (استشعار الحارة) بشكل مشابه في مغادرة الحارة اليمنى.

تغيير حالة نظام LaneSense (استشعار الحارة)

يحتوي نظام LaneSense (استشعار الحارة) على إعدادات لضبط شدة حساسية تحذير العزم وحساسية منطقة التحذير (في وقت مبكر/في وقت متأخر) التي يمكنك تهيئتها من خلال شاشة نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

ملاحظة:

- **عند تمكين هذا الإعداد يعمل النظام عند التحرك بسرعة أعلى من 60 كم/ساعة (37 ميلاً/الساعة) أقل من 180 كم/ساعة (112 ميلاً/الساعة).**
- **يؤدي استخدام إشارة الانعطاف إلى إبطال التحذيرات.**
- **لا يطبق النظام العزم على عجلة القيادة عند تعشيق نظام الأمان. (الفرامل المانعة للانغلاق، نظام التحكم في الجر، نظام التحكم في الاستقرار الإلكتروني، تحذير التصادم الأمامي، إلخ).**

مساعد التوقف الخلفي ®PARKSENSE — إذا كانت السيارة مزودة بذلك

يوفر نظام مساعد التوقف الخلفي ®ParkSense مؤشرات بصرية وصوتية تنبئ بالمسافة بين لوحة السيارة الخلفية والعائق المكتشف أثناء الرجوع للخلف، على سبيل المثال أثناء مناورات التوقف. راجع احتياطات الاستخدام الخاصة بنظام ®ParkSense لمعرفة قيود استخدام هذا النظام وكذلك التوصيات الخاصة به.

سيتذكر ®ParkSense آخر حالة للنظام (سواء كان مُمكنًا أم مُعطلاً) من آخر دورة تشغيل عند تغيير وضع التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

لن يصبح نظام ®ParkSense نشطًا إلا في حالة ضبط ذراع النقل/محدد التروس على وضع REVERSE (الرجوع للخلف). وإذا تم تمكين نظام ®ParkSense في وضع ذراع النقل/محدد التروس هذا، فسيبقى النظام نشطًا إلى أن تزداد سرعة السيارة إلى ما يقرب من 11 كم/ساعة (7 أميال/الساعة) أو أكثر. عندما تكون السيارة في وضع REVERSE (الرجوع للخلف) وأعلى من سرعة تشغيل النظام، سيظهر تحذير في مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID) يشير إلى أن سرعة السيارة مرتفعة جدًا. ينشط النظام مرة أخرى إذا انخفضت سرعة السيارة إلى أقل من 9 كم/الساعة (6 أميال/الساعة) تقريبًا.

مستشعرات نظام مساعد التوقف الخلفي ®ParkSense

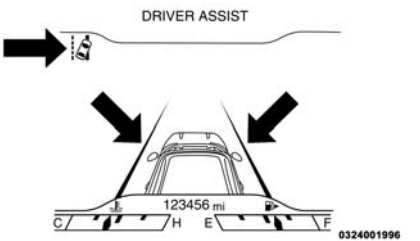
تراقب المستشعرات الأربعة الخاصة بنظام مساعد التوقف الخلفي ®ParkSense، الموجودة في اللوحة/المصد الخلفي، المنطقة الواقعة خلف السيارة في مجال رؤية المستشعرات. ويمكن للمستشعرات اكتشاف العوائق من على بعد 30 سم (12 بوصة) وحتى 200 سم (79 بوصة) من اللوحة/المصد الخلفي في الاتجاه الأفقي، وذلك وفقًا لموقع واتجاه العائق ونوعه.

الشاشة التحذيرية لنظام ®ParkSense

سيتم عرض الشاشة التحذيرية لنظام مساعد التوقف ®ParkSense فقط في حال تحديد الصوت والعرض من قسم الميزات القابلة للبرمجة بواسطة العميل في نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

مغادرة الحارة اليسرى - اكتشاف كلتا الحارتين

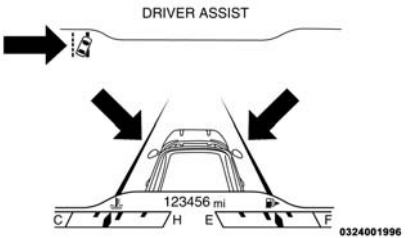
- عند تشغيل نظام LaneSense (استشعار الحارة)، تتحول خطوط الحارة من اللون الرمادي إلى الأبيض للإشارة إلى أن كلتا علامات الحارتين تم اكتشافهما. يكون مؤشر LaneSense (استشعار الحارة) باللون الأخضر الثابت عند اكتشاف كلتا علامات الحارتين، ويتم "تنشيط" النظام ليوفر تحذيرات مرئية في شاشة عرض معلومات السائق (DID) وتحذير عزم في عجلة القيادة إذا حدث مغادرة للحارة بشكل غير مقصود.



استشعار الحارات (الخطوط البيضاء/ المؤشر الأخضر)

- عند استشعار نظام LaneSense (استشعار الحارة) حالة انحراف عن الحارة، يتحول خط الحارة اليسرى السميك وخط الحارة اليمنى الرفيع إلى اللون الأصفر الثابت. يتغير مؤشر LaneSense (استشعار الحارة) من اللون الأخضر الثابت إلى الأصفر الثابت. في هذا الوقت يتم تطبيق العزم على عجلة القيادة في الاتجاه المعاكس لحدود الحارة.

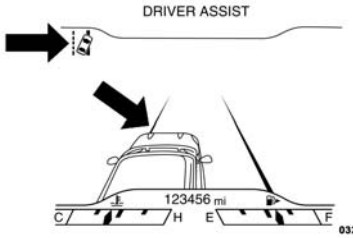
على سبيل المثال: عند الاقتراب من الجانب الأيسر من الحارة، سوف تدور عجلة القيادة إلى اليمين.



اقتراب الحارة (الخط السميك باللون الأصفر الثابت، الخط الرفيع باللون الأصفر الثابت/مؤشر باللون الأصفر الثابت)

- عند استشعار نظام LaneSense (استشعار الحارة) اقتراب الحارة وفي حالة مغادرة الحارة، ويومض خط الحارة اليسرى السميك باللون الأصفر (يضيء/ ينطفئ)، ويظل الخط الأيسر الرفيع باللون الأصفر الثابت. يتغير مؤشر LaneSense (استشعار الحارة) من الأصفر الثابت إلى الأصفر الوامض. في هذا الوقت يتم تطبيق العزم على عجلة القيادة في الاتجاه المعاكس لحدود الحارة.

على سبيل المثال: عند الاقتراب من الجانب الأيسر من الحارة، سوف تدور عجلة القيادة إلى اليمين.

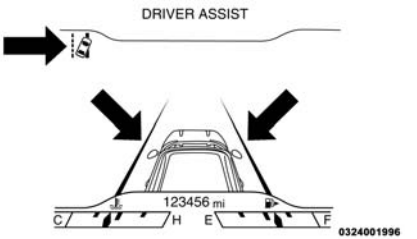


اقتراب الحارة (الخط السميك باللون الأصفر الوامض، الخط الرفيع باللون الأصفر الثابت/المؤشر الأصفر الوامض)

ملاحظة: يعمل نظام LaneSense (استشعار الحارة) بشكل مشابه في مغادرة الحارة اليمنى.

شاشة عرض معلومات السائق (DID) بقياس 7 - إذا كانت السيارة مزودة بذلك

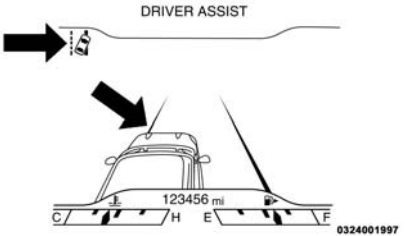
عند تشغيل نظام LaneSense (استشعار الحارة)، ستكون خطوط الحارة باللون الرمادي عند عدم اكتشاف حدود الحارة وعندما يكون مؤشر LaneSense (استشعار الحارة) باللون الأبيض الثابت.



تشغيل النظام (خطوط باللون الرمادي/مؤشر باللون الأبيض)

مغادرة الحارة اليسرى - اكتشاف الحارة اليسرى فقط

- عند تشغيل نظام LaneSense (استشعار الحارة)، يظل مؤشر LaneSense (استشعار الحارة) باللون الأبيض الثابت عند اكتشاف علامة الحارة اليسرى فقط، ويصبح النظام جاهزًا لتوفير تحذيرات مرئية في شاشة عرض معلومات السائق (DID) إذا حدث مغادرة للحارة بصورة غير مقصودة.
- عند استشعار نظام LaneSense (استشعار الحارة) اقتراب الحارة وفي حالة مغادرة الحارة، يومض خط الحارة اليسرى السميك باللون الأصفر (يضيء/ ينطفئ)، ويظل الخط الأيسر الرفيع باللون الأصفر الثابت ويتغير مؤشر LaneSense (استشعار الحارة) من الأبيض الثابت إلى الأصفر الوامض.

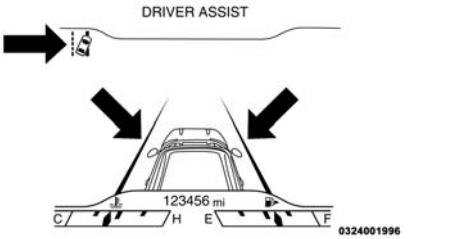


اقتراب الحارة (الخط السميك باللون الأصفر الوامض، الخط الرفيع باللون الأصفر الثابت/المؤشر الأصفر الوامض)

ملاحظة: يعمل نظام LaneSense (استشعار الحارة) بشكل مشابه في مغادرة الحارة اليمنى وعند اكتشاف علامة الحارة اليمنى فقط.

مغادرة الحارة اليسرى - اكتشاف كلتا الحارتين

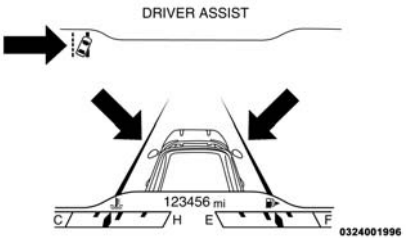
- عند تشغيل نظام LaneSense (استشعار الحارة)، تتحول خطوط الحارة من اللون الرمادي إلى الأبيض للإشارة إلى أن كلتا علامات الحارتين تم اكتشافهما. يكون مؤشر LaneSense (استشعار الحارة) باللون الأخضر الثابت عند اكتشاف كلتا علامات الحارتين، ويتم "تنشيط" النظام ليوفر تحذيرات مرئية في مركز معلومات السيارة الإلكتروني (EVIC) وتحذير عزم في عجلة القيادة إذا حدث مغادرة للحارة بشكل غير مقصود.



استشعار الحارات (الخطوط البيضاء/ المؤشر الأخضر)

- عند استشعار نظام LaneSense (استشعار الحارة) حالة انحراف عن الحارة، يتحول خط الحارة اليسرى السميك وخط الحارة اليمنى الرفيع إلى اللون الأبيض الثابت. يتغير مؤشر LaneSense (استشعار الحارة) من اللون الأخضر الثابت إلى الأصفر الثابت. في هذا الوقت يتم تطبيق العزم على عجلة القيادة في الاتجاه المعاكس لحدود الحارة.

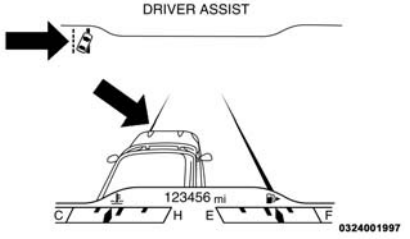
على سبيل المثال: عند الاقتراب من الجانب الأيسر من الحارة، سوف تدور عجلة القيادة إلى اليمين.



استشعار الحارة (خط سميك باللون الأبيض الثابت/خط رفيع باللون الأبيض الثابت/المؤشر الأصفر الثابت)

- عند استشعار نظام LaneSense (استشعار الحارة) اقتراب الحارة وفي حالة مغادرة الحارة، يومض خط الحارة اليسرى السميك من اللون الأبيض إلى الرمادي، ويظل الخط الأيسر الرفيع باللون الأبيض الثابت ويتغير مؤشر LaneSense (استشعار الحارة) من الأصفر الثابت إلى الأصفر الوامض. في هذا الوقت يتم تطبيق العزم على عجلة القيادة في الاتجاه المعاكس لحدود الحارة.

على سبيل المثال: عند الاقتراب من الجانب الأيسر من الحارة، سوف تدور عجلة القيادة إلى اليمين.



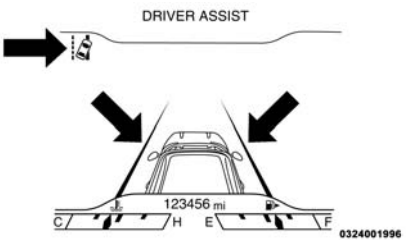
اقتراب الحارة (يومض الخط السميك من اللون الأبيض إلى الرمادي، الخط الرفيع باللون الأبيض الثابت/المؤشر الأصفر الوامض)

رسالة تحذير نظام LaneSense (استشعار الحارة)

يشير نظام LaneSense (استشعار الحارة) إلى حالة خط السير داخل الحارة الحالي من خلال مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID).

شاشة مركز معلومات السيارة الإلكتروني (EVIC) بقياس 3.5 بوصات - إذا كانت السيارة مزودة بذلك

عند تشغيل نظام LaneSense (استشعار الحارة)، ستكون خطوط الحارة باللون الرمادي عند عدم اكتشاف حدود الحارة وعندما يكون مؤشر LaneSense (استشعار الحارة) باللون الأبيض الثابت.

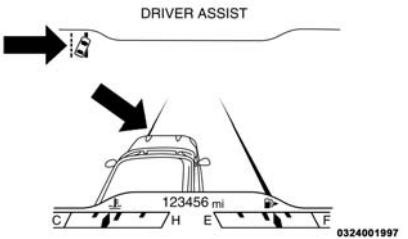


تشغيل النظام (خطوط باللون الرمادي/مؤشر باللون الأبيض)

مغادرة الحارة اليسرى - اكتشاف الحارة اليسرى فقط

- عند تشغيل نظام LaneSense (استشعار الحارة)، يظل مؤشر LaneSense (استشعار الحارة) باللون الأبيض الثابت عند اكتشاف علامة الحارة اليسرى فقط، ويصبح النظام جاهزًا لتوفير تحذيرات مرئية في مركز معلومات السيارة الإلكتروني (EVIC) إذا حدث مغادرة للحارة بصورة غير مقصودة.

- عند استشعار نظام LaneSense (استشعار الحارة) اقتراب الحارة وفي حالة مغادرة الحارة، يومض خط الحارة اليسرى السميك من اللون الأبيض إلى الرمادي، ويظل الخط الأيسر الرفيع باللون الأبيض الثابت ويتغير مؤشر LaneSense (استشعار الحارة) من الأبيض الثابت إلى الأصفر الوامض.



اقتراب الحارة (يومض الخط السميك من اللون الأبيض إلى الرمادي/المؤشر الأصفر الوامض)

ملاحظة: يعمل نظام LaneSense (استشعار الحارة) بشكل مشابه في مغادرة الحارة اليمنى وعند اكتشاف علامة الحارة اليمنى فقط.

قد يتجاوز السائق التحذير الملموس يدويًا عن طريق تطبيق العزم في عجلة القيادة في أي وقت.

في حالة اكتشاف إحدى علامتي الحارة وسار السائق عبر علامة الحارة بشكل غير متعمد (بدون تشغيل إشارة انعطاف)، يوفر نظام LaneSense (استشعار الحارة) تحذيرًا مرئيًا عبر مركز معلومات السيارة الإلكتروني (EVIC) لمطالبة السائق بالبقاء ضمن الحارة. في حالة اكتشاف إحدى علامتي الحارة، لن يتم توفير تحذير ملموس (العزم).

ملاحظة: عندما تتوافر ظروف التشغيل، يراقب نظام LaneSense (استشعار الحارة) وجود يدي السائق على عجلة القيادة ويوفر تحذيرًا صوتيًا للسائق عند عدم اكتشاف يدي السائق على عجلة القيادة. سيتم إلغاء النظام إذا لم يعيد السائق يديه إلى عجلة القيادة.

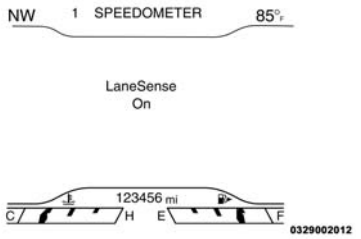
تشغيل نظام LaneSense (استشعار الحارة) أو إيقاف تشغيله

والحالة الافتراضية لنظام "LaneSense" هي "OFF" (إيقاف التشغيل).

يوجد زر LaneSense (استشعار الحارة) في لوحة المفاتيح أسفل شاشة نظام ®Uconnect.

زر تحذير نظام LaneSense (استشعار الحارة)

ولتشغيل نظام LaneSense (استشعار الحارة)، اضغط على زر LaneSense (استشعار الحارة) لتشغيل النظام (ينطفئ مصباح LED). يتم عرض رسالة "Lane Sense On" (تم تشغيل استشعار الحارة) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).



رسالة "Lane Sense On" (تم تشغيل استشعار الحارة)

لإيقاف تشغيل "LaneSense" (استشعار الحارة)، اضغط على زر LaneSense (استشعار الحارة) مرة واحدة لإيقاف تشغيل النظام.

ملاحظة: سيتذكر نظام LaneSense (استشعار الحارة) آخر حالة للنظام ON (التشغيل) أو OFF (إيقاف التشغيل) من آخر دورة تشغيل عند تغيير وضع مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة:

- **سيحتفظ النظام بآخر إعداد اختاره السائق بعد إيقاف تشغيل قرص التشغيل.**
- **وقد لا يستجيب تحذير التصادم الأمامي (FCW) للأجسام غير ذات الصلة مثل الأجسام العلوية أو انعكاسات الأرض أو الأجسام التي لا تتواجد في مسار السيارة أو الأجسام الثابتة البعيدة أو السيارات القادمة أو السيارات المتقدمة التي تكون لها نفس السرعة أو سرعة أعلى.**
- **سيتم تعطيل تحذير التصادم الأمامي (FCW) مثل وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع عدم توفر الشاشات.**

تحذير التصادم الأمامي (FCW) المقيد

إذا تم عرض "ACC/FCW Limited Functionality" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي ذو وظيفة مقيدة) أو "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) لفترة وجيزة، فقد تكون هناك حالة تقيد عمل نظام التحذير الأمامي (FCW). وعلى الرغم من أن السيارة تظل قابلة للقيادة في ظل الظروف العادية، فقد لا تكون الفرامل النشطة متاحة بالكامل. بمجرد انقضاء الظرف الذي يقيد أداء النظام، سوف يستعيد النظام حالة الأداء الكاملة له. إذا استمرت المشكلة، فراجع الوكيل المعتمد.

تحذير صيانة تحذير التصادم الأمامي (FCW)

في حالة إيقاف تشغيل النظام مع عرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID):

- ACC/FCW Unavailable Service Required (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي غير متوفر، يلزم إجراء الصيانة)
- Cruise/FCW Unavailable Service Required (السرعة الثابتة/تحذير التصادم الأمامي غير متوفر، يلزم إجراء الصيانة)

يشير هذا إلى وجود عطل داخلي بالنظام. ورغم إمكانية قيادة السيارة في الظروف العادية، قم بفحص النظام بواسطة وكيل معتمد.

ميزة LANESENSE (استشعار الحارة) - إذا كانت السيارة مزودة بذلك

تشغيل نظام LaneSense (استشعار الحارة)

عند تشغيل نظام LaneSense (استشعار الحارة) بسرعات أعلى من 60 كم/ساعة (37 ميلاً/الساعة) وأقل من 180 كم/ساعة (112 ميلاً/الساعة). يستخدم نظام LaneSense (استشعار الحارة) كاميرا متجهة للأمام لاكتشاف علامات الحارة وقياس وضع السيارة ضمن حدود الحارة.

عند اكتشاف كلا علامتي الحارة وغادر السائق الحارة بشكل غير متعمد (بدون تشغيل إشارة انعطاف)، يوفر نظام LaneSense (استشعار الحارة) تحذيرًا ملموسًا في شكل العزم المطبق على عجلة القيادة لمطالبة السائق بالبقاء ضمن حدود الحارة. إذا استمر السائق في مغادرة الحارة بشكل غير متعمد، فسوف يوفر نظام LaneSense (استشعار الحارة) تحذيرًا مرئيًا عبر مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) لمطالبة السائق بالبقاء ضمن حدود الحارة.

تشغيل تحذير التصادم الأمامي (FCW) أو إيقاف تشغيله

ملاحظة: الحالة الافتراضية لتحذير التصادم الأمامي (FCW) هي "تشغيل"، وهذا يسمح للنظام أن يقوم بتحذيرك من التصادم المحتمل مع السيارة التي أمامك.

يوجد زر التصادم الأمامي في لوحة المفاتيح الموجودة أسفل نظام ®Uconnect.

زر التصادم الأمامي

لإيقاف تشغيل تحذير التصادم الأمامي (FCW)، اضغط على زر التصادم الأمامي مرة واحدة لإيقاف تشغيل النظام (يضيء مصباح LED).

ولتشغيل تحذير التصادم الأمامي (FCW) مرة أخرى، اضغط على زر التصادم الأمامي مرة أخرى لتشغيل النظام (ينطفئ مصباح LED).

- يؤدي تغيير حالة تحذير التصادم الأمامي (FCW) إلى "Off" (إيقاف التشغيل) إلى منع النظام من تحذيرك من التصادم المحتمل مع السيارة التي أمامك.
- تغيير حساسية تحذير التصادم الأمامي (FCW) - من "Near" (القريب) إلى "Far" (البعيد). Far (البعيد) يحذر السائق من احتمال وقوع تصادم بشكل مبكر وNear (القريب) يحذر السائق بشكل أقرب.
- يعمل تغيير حالة الفرامل النشطة إلى "إيقاف التشغيل" على منع النظام من استخدام الفرامل النشطة المحدودة أو دعم فرامل إضافي إذا لم يقم السائق بالفرملة بالصورة الكافية في حالة وجود تصادم أمامي محتمل، ولكن مع الحفاظ على التحذيرات الصوتية والمرئية.

ملاحظة: يتم الاحتفاظ بحالة نظام تحذير التصادم الأمامي (FCW) في الذاكرة من دورة تشغيل إلى الدورة التالية، وإذا تم إيقاف تشغيل النظام، فسوف تظل قيد إيقاف التشغيل عندما تتم إعادة بدء تشغيل السيارة.

تغيير حالة تحذير التصادم الأمامي (FCW) والفرامل النشطة

تتم برمجة حساسية تحذير التصادم الأمامي (FCW) وإعدادات الفرامل النشطة من خلال نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

الحالة الافتراضية لتحذير التصادم الأمامي (FCW) هي الإعداد "Far" (بعيد) وللفرامل النشطة هي الإعداد "On" (تشغيل)، حيث يتيح ذلك للنظام أن يقوم بتحذيرك باحتمالية وقوع تصادم للسيارة من الأمام عندما تكون بعيدًا ويقوم باستخدام الفرامل بشكل محدود. سوف يوفر لك هذا الوقت الكافي لرد الفعل لتفادي وقوع تصادم محتمل.

يسمح تغيير حالة تحذير التصادم الأمامي إلى الإعداد Near (قريب) للنظام بتحذيرك من التصادم المحتمل مع السيارة التي أمامك عندما تكون قريبًا جدًا. وهذا الإعداد يتيح لك وقت استجابة أقل مما يتيحه لك الإعداد Far (بعيد)، والذي يسمح بتجربة قيادة أكثر ديناميكية.

ملاحظة: يراقب نظام تحذير التصادم الأمامي (FCW) المعلومات الواردة من المستشعرات الأمامية وأيضًا أداة التحكم في الفرامل الإلكترونية (EBC) لحساب احتمالية حدوث تصادم أمامي. عندما يقرر النظام احتمالية حدوث تصادم أمامي، سيتم تقديم تحذيرات صوتية ومرئية للسائق وقد يتم تقديم تحذير اهتزاز الفرامل.

إذا لم يقم السائق باتخاذ إجراء وفقًا لهذه التحذيرات التدريجية، فسوف يقوم النظام بتوفير مستوى محدود من الفرملة النشطة للمساعدة في إبطاء السيارة وتخفيف احتمالية حدوث تصادم أمامي. أما إذا قام السائق باتخاذ إجراء حيال التحذيرات عن طريق الفرملة، فسوف يقرر النظام أن السائق يهدف إلى تفادي التصادم بالفرملة ولكنه لم يستخدم قوة الفرملة الكافية لذا سوف يعوض النظام ذلك ويوفر قوة فرملة إضافية حسبما يلزم.

إذا بدأ حادث تحذير التصادم الأمامي مع نظام التخفيف بسرعة أقل من 32 كم/ساعة (20 ميلاً/الساعة)، فإن النظام يوفر أقصى فرملة للتخفيف ممكنة من التصادم المحتمل. إذا أوقف حادث تحذير التصادم الأمامي (FCW) مع نظام التخفيف السيارة تمامًا، فسيقوم النظام بإيقاف السيارة تمامًا لمدة ثانيتين ثم يحرر الفرامل.

رسالة تحذير التصادم الأمامي (FCW)

عند تحديد النظام لعدم وجود احتمال بوقوع تصادم مع السيارة التي أمامك، يتم إلغاء تنشيط رسالة التحذير.

ملاحظة:

- **سرعة الحد الأدنى لتنشيط تحذير التصادم الأمامي (FCW) هي 1 أميال/الساعة (2 كم/ساعة).**
- **قد تنطلق تنبيهات نظام تحذير التصادم الأمامي (FCW) عند اكتشاف أجسام أخرى غير السيارات مثل قضبان الحماية أو أعمدة الإشارة بناءً على تنبؤ السرعة. وهذا أمر متوقع ويعد جزء من عملية تنشيط رسالة تحذير التصادم الأمامي (FCW) الطبيعية وعملية تشغيلها.**
- **يعد اختبار نظام تحذير التصادم الأمامي (FCW) أمرًا غير آمن. لمنع مثل هذا الاستخدام الخاطئ للنظام، بعد أربعة أحداث فرامل نشطة خلال دورة تشغيل واحدة، سيتم إلغاء تنشيط جزء الفرامل النشطة من نظام تحذير التصادم الأمامي (FCW) حتى دورة التشغيل التالية.**
- **تم تصميم نظام تحذير التصادم الأمامي (FCW) للاستخدام على الطرق الممهدة فقط. وفي حالة سير السيارة على طريق غير ممهد، يجب إلغاء تنشيط نظام تحذير التصادم الأمامي (FCW) لتجنب التحذيرات غير الصحيحة إزاء الأشياء المحيطة.**

تحذير!

لا يعني ظهور رسالة تحذير التصادم الأمامي (FCW) أن السيارة ستتجنب وقوع التصادم من تلقاء نفسها، كما لا يمكن لتحذير التصادم الأمامي (FCW) اكتشاف كل أنواع التصادمات المحتملة. والسائق مسؤول عن تجنب التصادم عن طريق التحكم في السيارة بالضغط على الفرامل وتوجيه السيارة. يترتب على عدم اتباع هذا التحذير حدوث إصابات خطيرة أو الوفاة.

(تابع)

- إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التناقص بدرجات قدرها 10 كم/ساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID).

للإلغاء

سوف تعمل الأحوال التالية على إلغاء وضع التحكم الإلكتروني في السرعة العادية (السرعة الثابتة) دون مسح الذاكرة:

- استخدام دواسة الفرامل.
- عند الضغط على زر CANCEL (إلغاء).
- تم تنشيط برنامج الاستقرار الإلكتروني (ESC)/نظام التحكم في الجر (TCS).
- تم استخدام فرامل التوقف بالسيارة.
- إذا تجاوزت درجة حرارة الفرامل النطاق الطبيعي (سخونة زائدة).
- إخراج ذراع النقل/محدد التروس من وضع Drive (القيادة).

لاستئناف السرعة

لاستئناف تشغيل السيارة على السرعة المضبوطة مسبقًا، اضغط على زر RES (الاستئناف) ثم حرره. يمكن استئناف السرعة أثناء القيادة بأي سرعة تزيد عن 30 كم/ساعة (19 ميلاً/الساعة).

لإيقاف التشغيل

سيتم إيقاف تشغيل النظام ومسح السرعة المضبوطة في الذاكرة إذا قمت بما يلي:

- الضغط على زر تشغيل/إيقاف تشغيل نظام التحكم الإلكتروني في السرعة العادية (السرعة الثابتة).
- إدارة قرص التشغيل إلى وضع إيقاف التشغيل.
- تشغيل الدفع الرباعي المنخفض.
- الضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC).

تحذير التصادم الأمامي (FCW) مع نظام التخفيف — إذا كانت السيارة مزودة بذلك

تشغيل تحذير التصادم الأمامي (FCW) مع نظام التخفيف

يقدم نظام تحذير التصادم الأمامي (FCW) مع نظام التخفيف للسائق تحذيرات صوتية وتحذيرات مرئية (في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID)) وقد يقوم باستخدام اهتزاز الفرامل لتحذير السائق عندما يكتشف احتمالية حدوث تصادم أمامي. تهدف التحذيرات والفرملة المحدودة إلى توفير الوقت الكافي للسائق ليقوم برد الفعل وتفادي التصادم المحتمل أو ليخفف من وقعه.

لتغيير إعداد السرعة

لزيادة السرعة

عند ضبط وضع التحكم الإلكتروني في السرعة العادية (السرعة الثابتة)، يمكنك زيادة السرعة عن طريق دفع زر SET (الضبط) **(+)**.

يمكن تحديد الوحدات المفضلة للسائقين من خلال الإعدادات في لوحة أجهزة القياس إذا كانت السيارة مزودة بذلك. راجع **"**فهم لوحة أجهزة القياس**"** للحصول على مزيد من المعلومات. زيادة السرعة المعروضة تعتمد على وحدات القياس بالولايات المتحدة (ميل/الساعة) أو وحدات القياس بالنظام المتري (كم/ساعة) زيادة السرعة:

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

- يؤدي الضغط على زر SET (الضبط) **(+)** مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 ميل/الساعة.
- إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التزايد بتزايدات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID).

لخفض السرعة

عند ضبط وضع التحكم الإلكتروني في السرعة العادية (السرعة الثابتة)، يمكنك خفض السرعة بالضغط على زر SET (الضبط) **(-)**.

يمكن تحديد الوحدات المفضلة للسائقين من خلال الإعدادات في لوحة أجهزة القياس إذا كانت السيارة مزودة بذلك. راجع **"**فهم لوحة أجهزة القياس**"** للحصول على مزيد من المعلومات. خفض السرعة المعروضة تعتمد على وحدات القياس بالولايات المتحدة (ميل/الساعة) أو وحدات القياس بالنظام المتري (كم/ساعة) زيادة السرعة:

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

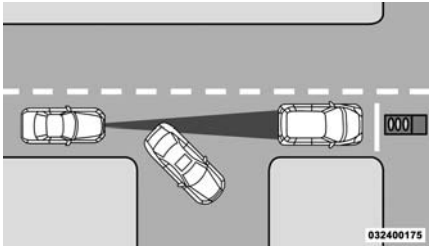
- يؤدي الضغط على زر SET (الضبط) **(-)** مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 ميل/الساعة.
- إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التناقص بدرجات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).

السرعة بنظام الوحدات المترية (كم/ساعة)

- يؤدي الضغط على زر SET **-** (الضبط -) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 كم/ساعة.

الأجسام والسيارات الثابتة

لا تتفاعل وحدة التحكم في السرعة الثابتة المهايئة (ACC) مع الأجسام والسيارات الثابتة. فلن تتفاعل وحدة التحكم في السرعة الثابتة المهايئة (ACC) مثلاً مع مواقف تخرج فيها السيارة التي تتبعها من حارتك المرورية وتتوقف السيارة التي أمامها. كن منتبهًا دائمًا ومستعدًا لاستخدام الفرامل، إذا لزم الأمر.



مثال على الجسم الثابت والسيارة الثابتة

وضع التحكم الإلكتروني في السرعة العادية (السرعة الثابتة)

بالإضافة إلى وضع التحكم في السرعة الثابتة المهايئة، يتوفر وضع التحكم في السرعة الثابتة العادي (السرعة الثابتة) للقيادة بسرعات ثابتة. لقد تم تصميم وضع التحكم الإلكتروني في السرعة العادية (السرعة الثابتة) للمحافظة على سرعة قيادة معينة دون الحاجة إلى تشغيل دواسة الوقود من قِبل السائق. يمكن تشغيل التحكم الإلكتروني في السرعة الثابتة فقط إذا كانت سرعة السيارة أعلى من 19 ميلاً/الساعة (30 كم/ساعة).

للتغيير بين أوضاع التحكم في السرعة الثابتة المختلفة، اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) والذي يعمل على إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) والتحكم الإلكتروني في السرعة العادية (السرعة الثابتة). يؤدي الضغط على زر تشغيل/إيقاف تشغيل التحكم الإلكتروني في السرعة العادية (السرعة الثابتة) إلى تشغيل (التغيير إلى) وضع التحكم الإلكتروني في السرعة العادية (السرعة الثابتة).

تحذير!

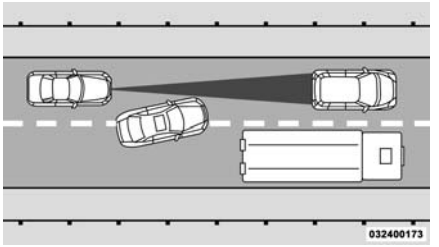
في وضع التحكم العادي في السرعة الثابتة، لن يتفاعل النظام مع السيارات المتقدمة. وبالإضافة إلى ذلك، لا يتم تنشيط التحذير من الاقتراب ولن يصدر أي صوت تنبيه حتى إذا كنت قريبًا جدًا من السيارة التي أمامك لأنه لم يتم كشف السيارة التي أمامك ولا المسافة بينها وبين سيارتك. تأكد من المحافظة على مسافة أمان بين سيارتك والسيارة التي أمامك. تأكد دومًا أي وضع تم تحديده.

لضبط سرعة مرغوبة

قم بتشغيل نظام التحكم الإلكتروني في السرعة العادية (السرعة الثابتة). عند وصول السيارة إلى السرعة المطلوبة، اضغط على زر SET (الضبط) (-) أو زر SET (الضبط) (+) ثم حرره. حرر دواسة الوقود وسوف تسير السيارة على السرعة المرغوبة. بمجرد ضبط السرعة، سوف تظهر رسالة CRUISE CONTROL SET TO MPH/KM (تم ضبط التحكم في السرعة الثابتة على ميل في الساعة/كم في الساعة) مما يشير إلى السرعة التي تم ضبطها. يعمل هذا الضوء عند ضبط نظام التحكم الإلكتروني بالسرعة.

تغيير الحارة

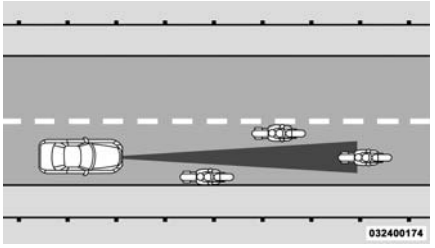
قد لا تكتشف وحدة التحكم في السرعة الثابتة المهايئة (ACC) سيارة أمامك حتى تكون بالكامل في الحارة التي تسير فيها تمامًا. في الشكل التوضيحي المعروض، لم تكتشف وحدة التحكم في السرعة الثابتة المهايئة (ACC) السيارة التي تقوم بتغيير حارتها حتى الآن، وربما لن تقوم بذلك حتى يصبح من المتأخر جدًا اتخاذ إجراء حيال ذلك. قد لا تقوم وحدة التحكم في السرعة الثابتة المهايئة (ACC) باكتشاف سيارة أمامك حتى تصبح في الحارة تمامًا. وبالتالي قد لا تكون هناك مسافة كافية بين سيارتك وبين السيارة التي تقوم بتغيير الحارة أمامك. كن منتبهًا دائمًا ومستعدًا لاستخدام الفرامل، إذا لزم الأمر.



مثال تغيير الحارة

السيارات الصغيرة

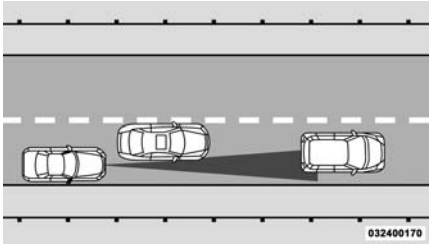
لا يتم اكتشاف بعض السيارات الصغيرة التي تسير بالقرب من الحواف الخارجية للحارة أو تدخل إلى الحارة بالقرب من حافتها، حتى تدخل بالكامل في الحارة. وبالتالي قد لا تكون هناك مسافة كافية بينك وبين السيارة التي أمامك.



مثال السيارات الصغيرة

القيادة الجانبية

قد لا تكتشف وحدة التحكم في السرعة الثابتة المهايئة (ACC) سيارة في نفس حارة سيارتك تسير في جانب بعيد عن مسار سيارتك المباشر أو سيارة قادمة من حارة جانبية. وبالتالي قد لا تكون هناك مسافة كافية بينك وبين السيارة التي أمامك. قد تدخل السيارة التي تسير في الجانب إلى مسار سيارتك المباشر أو تخرج منه، مما قد يتسبب في قيام سيارتك بالفرملة أو التسريع بشكل غير متوقع.

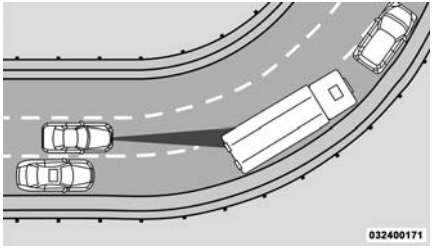


مثال على ظروف القيادة الجانبية

الانعطافات والالتواءات

عند القيادة على منحنى مع تعشيق وحدة التحكم في السرعة الثابتة المهايئة (ACC)، يمكن أن يقلل النظام سرعة السيارة والتسارع لأسباب تتعلق بالاستقرار، مع عدم اكتشاف سيارة لتتبعها. وبمجرد خروج السيارة من المنحنى يستأنف النظام السرعة المعينة الأصلية. ويعد هذا جزءًا من وظيفة نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

ملاحظة: في الانعطافات الضيقة، قد يكون أداء وحدة التحكم في السرعة الثابتة المهايئة (ACC) محدودًا.



مثال الانعطافات والالتواءات

استخدام وحدة التحكم في السرعة الثابتة المهايئة (ACC) على المرتفعات

عند القيادة على التلال، قد لا تكتشف وحدة التحكم في السرعة الثابتة المهايئة (ACC) سيارة أمامك في حارتك. وبناءً على سرعة سيارتك وطريق السيارة وظروف حركة المرور ودرجة انحدار التلال، فإن أداء وحدة التحكم في السرعة الثابتة المهايئة (ACC) قد يكون محدودًا.

مثال على وحدة التحكم في السرعة الثابتة المهايئة (ACC) على المرتفعات

يمكن أن تعرض الرسالة "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) أحيانًا أثناء القيادة في ظروف الطقس السيئة. ويستعيد نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC)/تحذير التصادم الأمامي (FCW) وضعه الطبيعي بعد تجاوز السيارة لهذه المناطق. قد يظهر هذا التحذير مؤقتًا، في حالات نادرة، عندما لا تتعقب الكاميرا أية سيارات أو أجسام في مسارها.

إذا لم تكن ظروف الطريق من العوامل المؤثرة على الوحدة، فيجب على السائق فحص الزجاج الأمامي والكاميرا الموجودة على الجانب الخلفي من مرآة الرؤية الخلفية الداخلية. فقد يحتاج إلى التنظيف أو إزالة العوائق.

عندما يزول الظرف الذي أوجد أداء وظيفي محدود للنظام، سوف يستعيد النظام كامل أدائه الوظيفي.

ملاحظة: في حالة تكرار عرض الرسالة "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) (على سبيل المثال، أكثر من مرة في كل رحلة) دون وجود لأي جليد أو أمطار أو طين أو أي عوائق أخرى، اطلب فحص الزجاج الأمامي والكاميرا المتجهة للأمام لدى الوكيل المعتمد.

تحذير صيانة وحدة التحكم في السرعة الثابتة المهايئة (ACC)/تحذير التصادم الأمامي (FCW)

إذا توقف النظام عن العمل، وعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) الرسالة "ACC/FCW Unavailable Service Required" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي غير متوفر، يلزم إجراء الصيانة) أو "Cruise/FCW Unavailable Service Required" (السرعة الثابتة/تحذير التصادم الأمامي غير متوفر، يلزم إجراء الصيانة)، فقد يكون هناك عطل داخلي بالنظام أو عطل مؤقت يقيد من وظيفة وحدة التحكم في السرعة الثابتة المهايئة (ACC). ورغم إمكانية قيادة السيارة في الظروف العادية، فلن تتوفر وحدة التحكم في السرعة الثابتة المهايئة (ACC) بشكل مؤقت. إذا حدث ذلك، فحاول تنشيط وحدة التحكم في السرعة الثابتة المهايئة (ACC) لاحقًا في دورة تشغيل جديدة. إذا استمرت المشكلة، فراجع الوكيل المعتمد.

احتياطات عند القيادة مع تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)

في بعض ظروف القيادة، قد يحدث بوحدة التحكم في السرعة الثابتة المهايئة (ACC) مشاكل في الاكتشاف. وفي هذه الحالات، قد تقوم وحدة التحكم في السرعة الثابتة المهايئة (ACC) باستخدام الفرامل في وقت متأخر أو بشكل غير متوقع. يجب أن يظل السائق منتبهًا وقد يحتاج إلى التدخل.

سحب مقطورة

لا يُوصى بسحب مقطورة أثناء استخدام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

للاحتفاظ بالتشغيل الصحيح لنظام وحدة التحكم في السرعة الثابتة المهايئة، من المهم ملاحظة بنود الصيانة التالية:

- احتفظ دائمًا بالمستشعر نظيفًا. امسح عدسة المستشعر بحرص باستخدام قطعة قماش ناعمة. احرص على عدم إتلاف عدسة المستشعر.
- لا تقم بإزالة أي مسامير من المستشعر. فقد يؤدي القيام بذلك إلى حدوث عطل أو خلل في نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) ويتطلب إعادة محاذاة المستشعر.
- في حالة تلف المستشعر أو مقدمة السيارة بسبب حدوث تصادم، راجع الوكيل المعتمد لطلب الصيانة.
- لا تقم بتركيب أو تثبيت أية ملحقات بالقرب من المستشعر، بما في ذلك المواد الشفافة أو الشبكات البديلة. فقد يؤدي القيام بذلك إلى خلل أو عطل نظام وحدة التحكم في السرعة الثابتة المهايئة.

عندما يزول الظرف التي تسبب في تعطيل النظام، سيعود النظام إلى حالة "إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة" وسيستأنف العمل عن طريق إعادة تشغيل الوحدة.

ملاحظة:

- **في حالة ظهور رسالة "ACC / FCW Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) بشكل متكرر (أكثر من مرة خلال كل رحلة مثلًا) دون وجود أي ثلوج، أو مطر، أو وحل، أو أي عائق آخر، فقم بإعادة ضبط محاذاة مستشعر الرادار لدى الوكيل المعتمد.**
- **لا يُنصح بتركيب مزيل ثلوج، أو واقي في مقدمة السيارة أو شبكة بديلة أو تعديل الشبكة. حيث يؤدي ذلك إلى إعاقة المستشعر ومنع تشغيل وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي (ACC/FCW).**

تحذير "Clean Front Windshield" (نظف الزجاج الأمامي)

سوف يظهر تحذير "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) وتصدر أيضًا إشارة صوتية لتشير إلى وجود حالة تقيد أداء النظام بصورة مؤقتة. وغالبًا ما يحدث ذلك عندما تكون الرؤية سيئة، كما هو الحال عند سقوط الجليد أو الأمطار الغزيرة والضباب. قد لا يتوفر أيضًا نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) بشكل مؤقت نتيجة لوجود عوائق مثل الطين أو الأوساخ أو الثلج على الزجاج الأمامي والضباب على الجزء الداخلي من الزجاج. وفي هذه الحالات، يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) الرسالة "ACC/FCW Limited Functionality Clean Front Windshield" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي ذو وظيفة مقيدة، نظف الزجاج الأمامي) وينخفض أداء النظام.

قد تظهر شاشة وحدة التحكم في السرعة الثابتة المهايئة (ACC) مرة أخرى إذا حدث أي نشاط لوحدة التحكم في السرعة الثابتة المهايئة (ACC)، والذي قد يتضمن أيًا مما يلي:

- إلغاء النظام
- تجاوز السائق
- إيقاف تشغيل النظام
- تحذير الاقتراب لوحدة التحكم في السرعة الثابتة المهايئة (ACC)
- تحذير وحدة التحكم في السرعة الثابتة المهايئة (ACC) غير متوفرة

يعود مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) إلى آخر شاشة محددة بعد 5 ثوان من عدم وجود أي نشاط لشاشة وحدة التحكم في السرعة الثابتة المهايئة (ACC)

تحذيرات شاشة العرض والصيانة

تحذير "تنظيف مستشعر الرادار الأمامي في مقدمة السيارة"

سوف يظهر تحذير "ACC / FCW Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) وتصدر أيضًا إشارة صوتية لتشير إلى وجود حالة تقيد أداء النظام بصورة مؤقتة.

وغالبًا ما يحدث ذلك عندما تكون الرؤية سيئة، كما هو الحال عند سقوط الجليد أو الأمطار الغزيرة. قد لا يتوفر أيضًا نظام وحدة التحكم في السرعة الثابتة المهايئة بشكل مؤقت نتيجة لوجود عوائق مثل الطين أو الأوساخ أو الثلج. في هذه الحالات، سوف يظهر في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) الرسالة "ACC / FCW Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) وسوف يتم إلغاء تنشيط النظام.

يمكن عرض الرسالة "ACC / FCW Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) أحيانًا أثناء القيادة في المناطق عالية الانعكاس (مثل، الأنفاق ذات القرميد العاكس، أو الثلج والجليد). ويستعيد نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) وضعه الطبيعي بعد تجاوز السيارة لهذه المناطق. قد يظهر هذا التحذير مؤقتًا، في حالات نادرة، عندما لا يتعقب الرادار أية سيارات أو كائنات في مساره.

ملاحظة: إذا كان التحذير "ACC / FCW Unavailable Wipe Front Radar Sensor" (وحدة التحكم في السرعة الثابتة المهايئة/تحذير التصادم الأمامي غير متوفر، نظف مستشعر الرادار الأمامي) نشطًا، فهذا يعني أن التحكم بالسرعة الثابتة العادي (سرعة ثابتة) لا يزال متاحًا. للحصول على معلومات إضافية، راجع "وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة)" في هذا القسم.

إذا لم تكن حالات الطقس من العوامل المؤثرة على الوحدة، فيجب على السائق اختبار المستشعر. فقد يحتاج إلى التنظيف أو إزالة العوائق. يقع المستشعر في مركز السيارة خلف الشبكة السفلى.

ملاحظة: بعد إيقاف نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) للسيارة لمدة ثلاث دقائق متتالية تقريبًا، سيتم تنشيط فرامل التوقف، وسيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

أثناء الاستمرار في إيقاف السيارة بواسطة نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC)، سيتم تنشيط فرامل التوقف، وسيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) في حالة عدم ربط حزام أمان السائق أو فتح باب السائق.

تحذير!

عندما يستأنف نظام التحكم في السرعة الثابتة المهايئة (ACC) العمل، يتوجب على السائق التأكد من عدم وجود مشاة أو سيارات أو أجسام في مسار السيارة. قد يتسبب عدم اتباعك لهذه التحذيرات في حدوث تصادم والوفاة أو حدوث إصابات خطيرة.

قائمة وحدة التحكم في السرعة الثابتة المهايئة (ACC)

يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) إعدادات نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) الحالية. يوجد مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) في الجزء الأوسط من مجموعة أجهزة القياس. وتعتمد المعلومات التي يعرضها على حالة نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) (الموجود بعجلة القيادة) حتى يتم عرض أي مما يلي في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID):

إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة

عند إلغاء تنشيط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ستعرض الشاشة "Adaptive Cruise Control Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة).

وحدة التحكم في السرعة الثابتة المهايئة جاهزة

عند تنشيط وحدة التحكم في السرعة الثابتة المهايئة مع عدم اختيار إعداد سرعة السيارة، فستعرض الشاشة "Adaptive Cruise Control Ready" (وحدة التحكم في السرعة الثابتة المهايئة جاهزة).

اضغط على زر SET + (الضبط +) أو SET- (الضبط -) (الموجود بعجلة القيادة) وسوف يعرض ما يلي في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID):

تم ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)

عند ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، سوف تعرض السرعة المضبوطة في مجموعة أجهزة القياس.

ملاحظة: تضئ أضواء الفرامل في أي وقت تستخدم فيه وحدة التحكم في السرعة الثابتة المهايئة (ACC) الفرامل.

يوجد تحذير من الاقتراب ينبه السائق إذا اكتشفت وحدة التحكم في السرعة الثابتة المهايئة (ACC) أن أقصى مستوى للفرملة الخاصة بها غير كاف للاحتفاظ بالمسافة المضبوطة. إذا حدث ذلك، فسيومض تنبيه مرئي "BRAKE" (الفرامل) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) وستصدر صافرة مع استمرار وحدة التحكم في السرعة الثابتة المهايئة (ACC) في استخدام أقصى فرملة لديها.

تنبيه الفرامل

ملاحظة: يعد ظهور شاشة "Brake!" (الفرامل!) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) تحذيرًا للسائق ليقوم باتخاذ إجراء، وهذا لا يعني بالضرورة أن نظام تحذير التصادم الأمامي هي استخدام الفرامل بشكل مستقل.

مساعد التجاوز

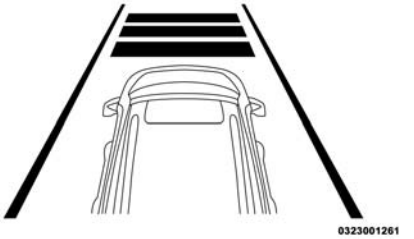
عند القيادة أثناء تشغيل نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) واتباع السيارة الهدف، سوف يقوم النظام بتوفير تسارع إضافي للمساعدة في تجاوز السيارة الموجودة أمامك. يتم تشغيل هذا التسارع الإضافي عندما يستخدم السائق إشارة الانعطاف اليسرى. في المواقع التي يوجد بها ازدحام مروري على الجانب الأيسر، تكون ميزة مساعد التجاوز نشطة فقط عند المرور بالجانب الأيسر من السيارات الهدف.

عند انتقال السيارة من موقع به ازدحام مروري على الجانب الأيسر إلى موقع به ازدحام مروري على الجانب الأيمن، سوف يقوم نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) تلقائيًا باكتشاف اتجاه المرور. في هذه الحالة، تكون ميزة مساعد التجاوز نشطة فقط عند المرور بالجانب الأيمن من السيارات الهدف. يتم تشغيل هذا التسارع الإضافي عندما يستخدم السائق إشارة الانعطاف اليمنى. في هذه الحالة، لن يقوم نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) بتوفير ميزة مساعد التجاوز على الجانب الأيسر حتى يقرر أن السيارة قد انتقلت مرة أخرى إلى موقع به ازدحام مروري على الجانب الأيسر.

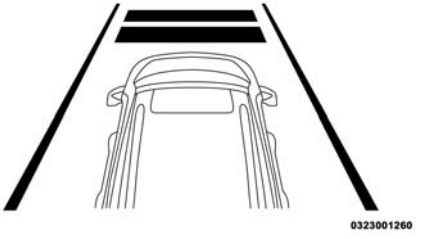
تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) عند التوقف

في حالة ما إذا أوقف نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) السيارة أثناء تتبع سيارة مستهدفة، وإذا بدأت السيارة المستهدفة التحرك في خلال ثانيتين من توقف سيارتك، فسوف تستأنف سيارتك الحركة دون الحاجة إلى أي إجراء من جانب السائق.

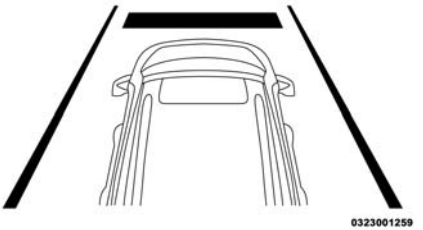
إذا لم تبدأ السيارة المستهدفة في التحرك خلال ثانيتين من توقف سيارتك، فسيكون على السائق إما الضغط على زر RES (استئناف) أو استخدم دواسة الوقود لإعادة تشغيل نظام التحكم في السرعة الثابتة المهايئة (ACC) على السرعة المضبوطة الحالية.



إعداد المسافة ثلاثة أشرطة (الطويلة)



إعداد المسافة شريطين (المتوسطة)



إعداد المسافة شريط واحد (القصيرة)

لزيادة إعداد المسافة، اضغط على زر "إعداد المسافة - زيادة" ثم حرره. في كل مرة يتم فيها الضغط على الزر، يزيد إعداد المسافة بمقدار شريط واحد (الأطول).

لخفض إعداد المسافة، اضغط على زر "إعداد المسافة - خفض" ثم حرره. في كل مرة يتم فيها الضغط على الزر، ينقص إعداد المسافة بمقدار شريط واحد (الأقصر).

إذا لم تكن هناك سيارة أمامك، فستحتفظ السيارة بالسرعة المضبوطة. في حالة اكتشاف سيارة تسير بسرعة أبطأ في نفس الحارة، سيعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رمز "مؤشر السيارة التي تم استشعارها"، ويقوم النظام بضبط سرعة السيارة أوتوماتيكيًا للاحتفاظ بإعداد المسافة، بغض النظر عن السرعة المضبوطة.

ستحتفظ السيارة حينئذ بالمسافة المضبوطة حتى:

- تُسرع السيارة التي أمامك إلى سرعة أعلى من السرعة المضبوطة.
- تخرج السيارة التي أمامك من حارتك أو تخرج من نطاق رؤية المستشعر.
- يتغير إعداد المسافة.
- يتم فصل النظام. (راجع المعلومات الخاصة بتشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)).

تعتبر أقصى فرملة تستخدمها وحدة التحكم في السرعة الثابتة المهايئة (ACC) محدودة ولكن السائق يمكنه دائمًا استخدام الفرامل يدويًا، إذا لزم الأمر.

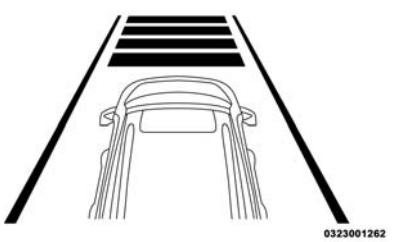
- إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التناقص بدرجات قدرها 10 كم/ساعة حتى يتم تحرير الزر. ينعكس الانخفاض في السرعة المضبوطة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).

ملاحظة:

- **عندما تقوم بالتجاوز والضغط على زر SET (الضبط) (+) أو زر SET (الضبط) (-)، ستكون السرعة المضبوطة الجديدة هي السرعة الحالية للسيارة.**
- **عند استخدام الزر SET (الضبط) - لخفض السرعة، إذا لم تقم طاقة فرملة المحرك بإبطاء السيارة بشكل كاف للوصول إلى السرعة المضبوطة، فسيعمل نظام الفرامل على إبطاء السيارة تلقائيًا.**
- **يقوم نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) بخفض سرعة السيارة حتى يتم التوقف الكامل عند السير خلف السيارة الهدف. إذا كان نظام التحكم في السرعة الثابتة المهايئة (ACC) لسيارة مضيفة يتبع سيارة هدف إلى التوقف التام، بعد ثانيتين سيكون على السائق إما الضغط على زر RES (استئناف) أو استخدم دواسة الوقود لإعادة تشغيل نظام التحكم في السرعة الثابتة المهايئة (ACC) على السرعة المضبوطة الحالية.**
- **يحتفظ نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) بالسرعة المضبوطة عند صعود التلال والهبوط منها. ولكن يحدث تغيير بسيط في السرعة عند صعود التلال غير المرتفعة كثيرًا وهذا أمر عادي. بالإضافة إلى ذلك، قد يحدث نقل إلى التروس المنخفضة أثناء صعود التلال أو الهبوط منها. وهذا أمر عادي وضروري للاحتفاظ بالسرعة المضبوطة. عند صعود التلال والهبوط منها، سيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) إذا تجاوزت درجة حرارة الفرامل النطاق الطبيعي (سخونة زائدة).**

ضبط المسافة التالية في وحدة التحكم في السرعة الثابتة المهايئة (ACC)

يمكن ضبط المسافة التالية المحددة لوحدة التحكم في السرعة الثابتة المهايئة (ACC) عن طريق تغيير إعداد المسافة بين أربعة أشرطة (الأطول) وثلاثة أشرطة (الطويلة) وشريطين (المتوسطة) وشريط واحد (المنخفضة). باستخدام إعداد المسافة وسرعة السيارة، تقوم وحدة التحكم في السرعة الثابتة المهايئة (ACC) بحساب وضبط المسافة بين سيارتك والسيارة التي أمامها. يتم عرض إعداد المسافة هذا في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).



إعداد المسافة أربعة أشرطة (الأطول)

يمكن تحديد الوحدات المفضلة للسائقين من خلال الإعدادات في لوحة أجهزة القياس إذا كانت السيارة مزودة بذلك. راجع "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات. تعتمد زيادة السرعة الموضحة على وحدة السرعة المختارة من وحدات النظام الأمريكي (ميل/الساعة) أو الوحدات المترية (كم/ساعة):

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

- يؤدي الضغط على زر SET (الضبط) **(+)** مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 ميل/الساعة.
- إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التزايد بتزايدات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).

السرعة بنظام الوحدات المترية (كم/ساعة)

- يؤدي الضغط على زر SET **+** (الضبط +) مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 كم/ساعة.
- إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التزايد بتزايدات قدرها 10 كم/ساعة حتى يتم تحرير الزر. تنعكس الزيادة في السرعة المضبوطة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).

لخفض السرعة

عندما يتم ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، يمكنك خفض السرعة المضبوطة عن طريق الضغط على زر SET **-** (الضبط -).

يمكن تحديد الوحدات المفضلة للسائقين من خلال الإعدادات في لوحة أجهزة القياس إذا كانت السيارة مزودة بذلك. راجع "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات. يعتمد انخفاض السرعة الموضحة على وحدة السرعة المختارة من وحدات النظام الأمريكي (ميل/الساعة) أو الوحدات المترية (كم/ساعة):

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

- يؤدي الضغط على زر SET (الضبط) **(-)** مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 ميل/الساعة.
- إذا استمر الضغط على الزر، فستستمر السرعة المضبوطة في التناقص بدرجات قدرها 5 أميال/الساعة حتى يتم تحرير الزر. ينعكس الانخفاض في السرعة المضبوطة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).

السرعة بنظام الوحدات المترية (كم/ساعة)

- يؤدي الضغط على زر SET **-** (الضبط -) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 كم/ساعة.

- تم تنشيط برنامج الاستقرار الإلكتروني (ESC)/نظام التحكم في الجر (TCS).
- تم استخدام فرامل التوقف بالسيارة.
- حزام مقعد السائق غير مربوط عند القيادة بسرعات منخفضة.
- باب السائق مفتوح عند القيادة بسرعات منخفضة.
- وقع حدث في وحدة التحكم في تأرجح المقطورة (TSC).
- قام السائق بتشغيل برنامج الاستقرار الإلكتروني (ESC) على وضع "full-off" (الإيقاف الكامل).

لإيقاف التشغيل

سيتم إيقاف تشغيل النظام ومسح السرعة المضبوطة في الذاكرة إذا قمت بما يلي:

- الضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC).
- الضغط على زر تشغيل/إيقاف تشغيل نظام التحكم الإلكتروني في السرعة العادية (السرعة الثابتة).
- إدارة قرص التشغيل إلى وضع OFF (إيقاف التشغيل).
- إيقاف تشغيل الدفع الرباعي المنخفض.

للاستئناف

في حالة وجود سرعة مضبوطة في الذاكرة، اضغط على زر RES (استئناف)، ثم ارفع قدمك عن دواسة الوقود. سيعرض مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID) آخر سرعة مضبوطة.

ملاحظة:

- **إذا توقفت سيارتك تمامًا لفترة تزيد على ثانيتين، فعندئذٍ سيكون على السائق إما الضغط على زر RES (استئناف) أو استخدم دواسة الوقود لإعادة تشغيل نظام التحكم في السرعة الثابتة المهايئة (ACC) على السرعة المضبوطة الحالية.**
- **لا يمكن استئناف وحدة التحكم في السرعة الثابتة المهايئة (ACC) في حالة وجود سيارة ثابتة شديدة القرب أمام سيارتك.**

تحذير!

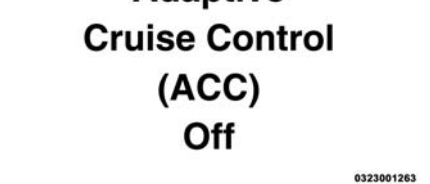
يجب عدم استخدام وظيفة الاستئناف إلا إذا سمحت ظروف المرور والطريق بذلك فقط. يؤدي استئناف سرعة عالية للغاية أو منخفضة للغاية بالنسبة لحركة المرور وظروف الطريق السائدة إلى جعل السيارة تسرع أو تبطئ بصورة عنيفة للغاية مما يؤثر على التشغيل الآمن. قد يتسبب عدم اتباعك لهذه التحذيرات في حدوث تصادم والوفاة أو حدوث إصابات خطيرة.

لتغيير إعداد السرعة

لزيادة السرعة

عندما يتم ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC)، يمكنك زيادة السرعة المضبوطة عن طريق الضغط على زر SET + (الضبط +).

شاشة عرض معلومات السائق (DID) رسالة "Adaptive Cruise Control (ACC) Off" (إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة.)



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إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة

تحذير!

من الخطر ترك نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) في وضع التشغيل عند عدم استخدامه. قد تقوم عن غير قصد بضبط النظام أو تتسبب في أن تجعله ينطلق أسرع مما تريد. من الممكن أن تفقد السيطرة على السيارة مما يعرضك لوقوع تصادم. اترك النظام في حالة إيقاف دائمًا طالما لا تستخدمه.

لضبط السرعة الثابتة المهايئة (ACC) المطلوبة

عندما تصل سرعة السيارة إلى السرعة المطلوبة، اضغط على زر SET **+** (الضبط +) أو زر SET **-** (الضبط -) ثم حرره. سيعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) السرعة المضبوطة.

إذا تم ضبط النظام عند وصول سرعة السيارة إلى أقل من 19 ميلاً/الساعة (30 كم/ساعة)، فسوف يتم ضبط السرعة المضبوطة بصورة افتراضية على 19 ميلاً/الساعة (30 كم/ساعة). إذا تم ضبط النظام عند وصول سرعة السيارة إلى أكثر من 19 ميلاً/الساعة (30 كم/ساعة)، فسوف تكون السرعة المضبوطة هي السرعة الحالية للسيارة.

ملاحظة: لا يمكن ضبط وحدة التحكم في السرعة الثابتة المهايئة (ACC) في حالة وجود سيارة ثابتة شديدة القرب أمام سيارتك.

ارفع قدمك من على دواسة الوقود. إذا لم تقم بذلك، فقد تستمر السيارة زيادة سرعتها بحيث تتجاوز السرعة المضبوطة. إذا حدث ذلك:

- سيتم عرض الرسالة "DRIVER OVERRIDE" (تجاوز السائق) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).
- لن يعمل النظام على التحكم في المسافة بين سيارتك والسيارة التي أمامها. سيتم تحديد سرعة السيارة عن طريق وضع دواسة الوقود فقط.

للإلغاء

سوف تعمل الأحوال التالية على إلغاء تشغيل النظام:

- استخدام دواسة الفرامل.
- عند الضغط على زر CANCEL (إلغاء).
- وقع حدث في نظام الفرامل المانعة للانغلاق (ABS).
- إخراج ذراع النقل/محدد التروس من وضع Drive (القيادة).

ملاحظة: يؤدي إدخال أي تعديلات بالشاسيه/التعليق أو حجم الإطار على السيارة إلى التأثير على أداء وحدة التحكم في السرعة الثابتة المهايئة ونظام تحذير التصادم الأمامي.

تنشيط وحدة التحكم في السرعة الثابتة المهايئة (ACC)

يمكنك فقط تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) إذا كانت سرعة السيارة أعلى من 0 ميلاً/الساعة (0 كم/ساعة).

الحد الأدنى للسرعة المضبوطة لوحدة التحكم في السرعة الثابتة المهايئة (ACC) هو 19 ميلاً/الساعة (30 كم/ساعة).

عند تشغيل النظام ووجوده في حالة الاستعداد، يعرض مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID) رسالة "ACC Ready" (وحدة التحكم في السرعة الثابتة المهايئة جاهزة.)

عندما يكون النظام متوقفًا عن التشغيل، يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) الرسالة "Adaptive Cruise Control (ACC) Off" (وحدة التحكم في السرعة الثابتة المهايئة متوقفة.)

ملاحظة: لا يمكنك تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC) في الحالات التالية:

- **عندما تكون السيارة في وضع الدفع الرباعي المنخفض.**
- **عند استخدام الفرامل.**
- **عندما تكون فرامل التوقف مستخدمة.**
- **عندما يكون ناقل الحركة الأوتوماتيكي في وضع PARK (التوقف) أو REVERSE (الرجوع للخلف) أو NEUTRAL (اللاتعشيق).**
- **عندما تكون سرعة السيارة خارج نطاق السرعة.**
- **في حالة السخونة المفرطة للفرامل.**
- **عندما يكون باب السائق مفتوحًا.**
- **عندما يكون حزام مقعد السائق غير مربوط.**

للتنشيط/الإلغاء التنشيط

اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ثم حرره. تعرض قائمة وحدة التحكم في السرعة الثابتة المهايئة (ACC) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) رسالة "ACC Ready" (وحدة التحكم في السرعة الثابتة المهايئة جاهزة.)

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وحدة التحكم في السرعة الثابتة المهايئة جاهزة

لإيقاف تشغيل النظام، اضغط على زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)، ثم حرره مرة أخرى. في هذا الوقت، سيتم إيقاف تشغيل النظام وسيعرض مركز معلومات السيارة الإلكتروني (EVIC)/

تحذير! (تابع)

- لا يتعرف دائمًا بشكل كامل على ظروف القيادة المعقدة والتي قد تؤدي إلى صدور تحذيرات المسافة الخطأ أو المفقودة.
- سوف يقوم بإيقاف السيارة تمامًا مع تتبع السيارة الهدف مع ضبط السيارة لمدة 3 دقائق تقريبًا في وضع التوقف. إذا لم يبدأ تشغيل السيارة الهدف خلال 3 دقائق، فسيتم تنشيط فرامل التوقف وسيتم إلغاء نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).

يجب إيقاف تشغيل نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC) في الحالات التالية:

- عند القيادة في الضباب أو في الأمطار الغزيرة أو الثلج الكثيف أو المطر المتجمد أو حركة المرور المزدحمة وفي ظروف القيادة المعقدة (على سبيل المثال، في مناطق الإنشاء في الطريق السريعة).
- عند الدخول في مسار منعطف أو مخرج من طريق سريع، وعند القيادة على طرق تهب عليها الرياح أو طرق يكسوها الثلج أو الجليد أو طرق زلقة أو فيها مرتفعات أو منحدرات.

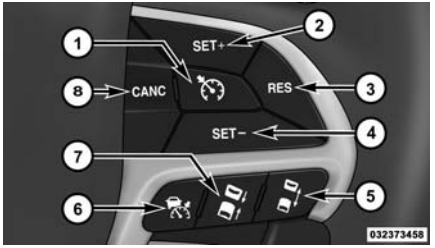
(تابع)

تحذير! (تابع)

- عند سحب مقطورة أعلى أو أسفل منحدر شديد الانحدار.
- عندما لا تتيح الظروف القيادة الآمنة بسرعة ثابتة.

تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)

تقوم أزرار التحكم في السرعة (الموجودة في الجانب الأيمن من عجلة القيادة) بتشغيل نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC).



أزرار التحكم في السرعة الثابتة المهايئة

1 — زر تشغيل/إيقاف تشغيل التحكم في السرعة الثابتة العادية (السرعة الثابتة)

2 — SET+/ACCEL (الضبط (+)/التسارع)

3 — RESUME (استئناف)

4 — SET-/DECEL (الضبط (-)/خفض السرعة)

5 — إعداد المسافة — زيادة

6 — زر تشغيل/إيقاف تشغيل وحدة التحكم في السرعة الثابتة المهايئة (ACC)

7 — إعداد المسافة — تناقص

8 — CANCEL (إلغاء)

تتيح لك وحدة التحكم في السرعة الثابتة المهايئة (ACC) إمكانية الاحتفاظ بتشغيل وحدة التحكم في السرعة الثابتة في ظروف حركة المرور المعتدلة دون الحاجة الدائمة إلى إعادة ضبط وحدة التحكم في السرعة الثابتة. تستخدم وحدة التحكم في السرعة الثابتة المهايئة (ACC) كل من الكاميرا المتجهة للأمام مستشعر رادار تم تصميمه لاكتشاف السيارة التي أمامك مباشرة.

ملاحظة:

- **إذا لم يكشف المستشعر السيارة التي أمامك مباشرة، فستحافظ وحدة التحكم في السرعة الثابتة المهايئة (ACC) على سرعة ثابتة.**
- **إذا اكتشف مستشعر وحدة التحكم في السرعة الثابتة المهايئة (ACC) سيارة أمامك، فستطبق الوحدة فرملة أو تسريعًا بشكل محدود (بحيث لا يتجاوز السرعة المضبوطة الأصلية) للمحافظة على مسافة متابعة معينة مسبقًا، أثناء مطابقة سرعة السيارة التي أمامك.**

يتضمن نظام التحكم بالسرعة الثابتة وضعي تحكم:

- وضع التحكم بالسرعة الثابتة المهايئ للمحافظة على مسافة مناسبة بين السيارات.
- وضع التحكم الإلكتروني في السرعة العادية (السرعة الثابتة) للقيادة بسرعة ثابتة محددة مسبقاً. للحصول على معلومات إضافية، راجع "وضع التحكم بالسرعة الثابتة العادي (سرعة ثابتة)" في هذا القسم.

ملاحظة: لن يستجيب وضع التحكم الإلكتروني في السرعة العادية (السرعة الثابتة) للسيارات المتقدمة في الأمام. انتبه دوماً للوضع المحدد.

يمكن تغيير الوضع باستخدام أزرار التحكم في السرعة الثابتة. يعمل وضعا التحكم بشكل مختلف عن بعضهما البعض. تأكد دومًا من الوضع المحدد.

تحذير!

- وحدة التحكم في السرعة الثابتة المهايئة (ACC) هي نظام لتوفير الراحة. وهي ليست بديلاً للقيادة بانتباه. إن مسؤولية السائق دائمًا هي الانتباه للطريق وحركة المرور وأحوال الطقس وسرعة السيارة والمسافة بينه وبين السيارة التي أمامه والأهم من ذلك استخدام الفرامل لضمان التشغيل الآمن للسيارة في ظل جميع ظروف الطريق. يعتبر انتباهك الكامل مطلوب دائمًا أثناء القيادة للتحكم في السيارة بشكل آمن. قد يتسبب عدم اتباعك لهذه التحذيرات في حدوث تصادم والوفاة أو حدوث إصابات خطيرة.
- نظام وحدة التحكم في السرعة الثابتة المهايئة (ACC):
- لا يتفاعل مع المشاة والسيارات القريبة والأشياء المتوقفة (على سبيل المثال، السيارات المتوقفة في زحام مروري أو السيارات المعطلة).
- لا يمكنه أخذ ظروف الشارع وحركة المرور والطقس في الاعتبار وقد يكون محدود القدرات في ظروف مسافة الرؤية الصعبة.

(تابع)

يمكن تحديد الوحدات المفضلة للسائقين من خلال الإعدادات في لوحة أجهزة القياس إذا كانت السيارة مزودة بذلك. راجع "فهم لوحة أجهزة القياس" للحصول على مزيد من المعلومات. يعتمد انخفاض السرعة الموضحة على وحدة السرعة المختارة من وحدات النظام الأمريكي (ميل/الساعة) أو الوحدات المترية (كم/ساعة):

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

- يؤدي الضغط على زر SET (الضبط) **(-)** مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 ميل/الساعة.
- في حالة الضغط المطول على الزر، ستستمر السرعة المضبوطة في النقصان حتى يتم تحرير الزر، ثم يتم ضبط السرعة الجديدة.

السرعة بنظام الوحدات المترية (كم/ساعة)

- يؤدي الضغط على زر SET **-** (الضبط -) مرة واحدة إلى خفض السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى للزر إلى خفض السرعة بمقدار 1 كم/ساعة.
- في حالة الضغط المطول على الزر، ستستمر السرعة المضبوطة في النقصان حتى يتم تحرير الزر، ثم يتم ضبط السرعة الجديدة.

لتعجيل السرعة للتجاوز

اضغط على دواسة الوقود بصورة عادية. وعندما ترفع قدمك عن الدواسة، تعود السرعة إلى ما كانت عليه مسبقًا.

استخدام نظام التحكم الإلكتروني في السرعة على التلال

قد ينتقل ناقل الحركة إلى ترس منخفض على المرتفعات للحفاظ على السرعة المضبوطة للسيارة.

ملاحظة: يحافظ نظام التحكم الإلكتروني في السرعة على السرعة المحددة عند صعود أو نزول المنحدرات. يعد حدوث تغيير بسيط في السرعة عند صعود التلال غير المرتفعة كثيرًا أمرًا طبيعيًا.

على المنحدرات شديدة الانحدار، قد يحدث نقص أو زيادة أكبر في السرعة لذلك فإنه من الأفضل أن تقود بدون نظام التحكم الإلكتروني بالسرعة.

تحذير!

يمكن أن يكون نظام التحكم الإلكتروني في السرعة خطيرًا في الحالات التي لا يستطاع فيها المحافظة على سرعة متواصلة. وقد تسير سيارتك بسرعة أكبر من اللازم بالنسبة للظروف المحيطة وقد تفقد السيطرة عليها ويقع حادث. لا تستعمل نظام التحكم الإلكتروني في السرعة في حالات الزحام الشديد أو في الطرق الملتوية أو المغطاة بالثلج أو الجليد أو المسببة للانزلاق.

وحدة التحكم في السرعة الثابتة المهايئة (ACC) - إذا كانت السيارة مزودة بذلك

تعمل وحدة التحكم في السرعة الثابتة المهايئة (ACC) على زيادة الراحة أثناء القيادة التي توفرها وحدة التحكم في السرعة الثابتة عند السير في الطرق السريعة والطرق الرئيسية. ولكنها لا تعتبر نظام أمان وهي غير مصممة لمنع وقوع التصادمات. **تعمل وظيفة نظام التحكم الإلكتروني في السرعة بشكل مختلف. يُرجى الرجوع إلى القسم المناسب ضمن هذا الفصل.**

لإلغاء التنشيط

يؤدي الضغط الخفيف على دواسة الفرامل، أو دفع زر CANCEL (إلغاء)، أو الضغط العادي على الفرملة أثناء إبطاء السيارة إلى إلغاء تنشيط المفتاح الإلكتروني للتحكم في السرعة بدون محو السرعة المضبوطة في الذاكرة.

يؤدي الضغط على زر ON/OFF (التشغيل/إيقاف التشغيل) أو إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) إلى محو السرعة المضبوطة في الذاكرة.

لاستئناف السرعة

لاستئناف تشغيل السيارة على السرعة المضبوطة مسبقًا، اضغط على زر RES (الاستئناف) ثم حرره. يمكن استئناف السرعة أثناء القيادة بأي سرعة تزيد عن 32 كم/ساعة (20 ميلاً/الساعة).

لتغيير إعداد السرعة

لزيادة السرعة

عند ضبط نظام التحكم الإلكتروني في السرعة، يمكنك زيادة السرعة عن طريق دفع زر SET (الضبط) **(+)**.

يمكن تحديد الوحدات المفضلة للسائقين من خلال الإعدادات في لوحة أجهزة القياس إذا كانت السيارة مزودة بذلك. راجع **"**فهم لوحة أجهزة القياس**"** للحصول على مزيد من المعلومات. تعتمد زيادة السرعة الموضحة على وحدة السرعة المختارة من وحدات النظام الأمريكي (ميل/الساعة) أو الوحدات المترية (كم/ساعة):

السرعة بنظام الوحدات بالولايات المتحدة (ميل/الساعة)

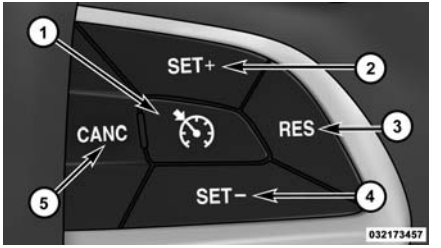
- يؤدي الضغط على زر SET (الضبط) **(+)** مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 ميل/الساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 ميل/الساعة.
- في الضغط المطول على الزر، فستستمر السرعة المضبوطة في الزيادة حتى يتم تحرير الزر، ثم يتم ضبط السرعة الجديدة.

السرعة بنظام الوحدات المترية (كم/ساعة)

- يؤدي الضغط على زر SET **+** (الضبط +) مرة واحدة إلى زيادة السرعة المضبوطة بمقدار 1 كم/ساعة. وتؤدي كل ضغطة أخرى على الزر إلى زيادة السرعة بمقدار 1 كم/ساعة.
- في الضغط المطول على الزر، فستستمر السرعة المضبوطة في الزيادة حتى يتم تحرير الزر، ثم يتم ضبط السرعة الجديدة.

لخفض السرعة

عند ضبط نظام التحكم الإلكتروني في السرعة، يمكنك خفض السرعة عن طريق دفع زر SET (الضبط) **(-)**.



أزرار التحكم الإلكتروني بالسرعة

1 — ON/OFF (التشغيل/إيقاف التشغيل)	4 — SET-/DECEL (الضبط (-)/خفض السرعة)
2 — SET+/ACCEL (الضبط (+)/التسارع)	5 — CANCEL (إلغاء)
3 — RESUME (استئناف)	

ملاحظة: لضمان الاستخدام الصحيح، صُمم نظام التحكم الإلكتروني في السرعة بحيث يتوقف عن العمل عند استخدام وظائف متعددة للتحكم في السرعة في الوقت نفسه. في حال حدوث ذلك، يمكن إعادة تنشيط النظام بضغط مفتاح التحكم في السرعة إلى وضع التشغيل/الإيقاف وإعادة ضبط سرعة السيارة المرغوبة المحددة.

للتنشيط

اضغط على زر ON/OFF (التشغيل/إيقاف التشغيل) لتنشيط التحكم الإلكتروني في السرعة. يضيء مصباح مؤشر السرعة الثابتة في شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID). لإيقاف تشغيل النظام، اضغط على زر ON/OFF (التشغيل/إيقاف التشغيل) مرة أخرى. ينطفئ ضوء مؤشر الرحلة. ينبغي إيقاف تشغيل النظام في حالة عدم استخدامه.

تحذير!

ترك نظام التحكم الإلكتروني في السرعة في وضع التشغيل في حالة عدم استخدامه أمر خطير. قد تقوم عن غير قصد بضبط النظام أو تتسبب في أن تجعله ينطلق أسرع مما تريد. من الممكن أن تفقد السيطرة على السيارة مما يعرضك لوقوع حادث. اترك نظام التشغيل مغلق دائمًا في حالة عدم استخدامه.

لضبط سرعة مرغوبة

قم بتشغيل النظام الإلكتروني للتحكم في السرعة.

ملاحظة: ينبغي قيادة السيارة بسرعة ثابتة وعلى أرض مستوية قبل الضغط على زر SET (الضبط) (-) أو زر SET (الضبط) (+).

عند وصول السيارة إلى السرعة المطلوبة، اضغط على زر SET (الضبط) (-) أو زر SET (الضبط) (+) ثم حرره. حرر دواسة الوقود وسوف تسير السيارة على السرعة المرغوبة.

تحذير!

لا تضبط عمود التوجيه أثناء القيادة. إن ضبط عمود التوجيه أثناء القيادة أو القيادة مع إلغاء قفل عمود التوجيه قد يتسبب في فقدان السائق القدرة على التحكم في السيارة. يترتب على عدم اتباع هذا التحذير حدوث إصابات خطيرة أو الوفاة.

عجلة القيادة المسخنة - إذا كانت السيارة مزودة بذلك

تحتوي عجلة القيادة على عنصر تسخين للمساعدة على تدفئة يديك أثناء الطقس البارد. ويوجد إعداد واحد فقط لضبط درجة الحرارة لعجلة القيادة المسخنة. وعند تشغيل عجلة القيادة المسخنة فسوف تعمل لمدة تصل إلى 80 دقيقة قبل التوقف أوتوماتيكيًا. ويمكن أن تتوقف عجلة القيادة المسخنة قبل ذلك أو قد لا تعمل عندما تكون دافئة بالفعل.

يوجد زر التحكم في عجلة القيادة المسخنة في نظام ®Uconnect. ويمكنك الوصول إلى زر التحكم من خلال شاشة درجة الحرارة أو شاشة مفاتيح التحكم.

- اضغط على زر عجلة القيادة المسخنة مرة أخرى لتشغيل عنصر التسخين.
- اضغط على زر على عجلة القيادة المسخنة مرة أخرى لإيقاف تشغيل عنصر التسخين.

ملاحظة: يجب أن يكون المحرك في وضع التشغيل لكي تعمل عجلة القيادة المسخنة.

تحذير!

- الأشخاص غير القادرين على تحمل وجود ألم بالجلد بسبب كبر السن أو المرض المزمن أو الإصابة بمرض السكر أو إصابة العمود الفقري أو تناول الأدوية أو التعب الشديد أو أي حالة بدنية أخرى، على كل هؤلاء توخي الحرص عند استخدام جهاز تدفئة عجلة القيادة. فقد يتعرض هؤلاء لحروق حتى مع انخفاض درجات الحرارة، وخصوصًا عند استخدامه لفترات طويلة.

(تابع)

تحذير! (تابع)

- لا تضع أية متعلقات على عجلة القيادة والتي قد تمثل عازلاً للحرارة، مثل بطانية أو أغطية عجلة القيادة من أي نوع أو مادة. حيث قد يؤدي ذلك إلى زيادة سخونة جهاز تدفئة عجلة القيادة.

التحكم الإلكتروني في السرعة - إذا كانت السيارة مزودة بذلك

عندما يتم تعشيق نظام التحكم الإلكتروني في السرعة، فإنه يتولى تشغيل دواسة الوقود عند سرعات تزيد عن 40 كم/ساعة (25 ميلاً في الساعة).

توجد أزرار التحكم الإلكتروني في السرعة في الجانب الأيمن من عجلة القيادة.

يمكن ضبط درجة حساسية النظام باستخدام الذراع متعدد الوظائف. يعتبر وضع تأخير الماسحة 1 هو الأقل حساسية للماسحة ووضع تأخير الماسحة 4 هو الأعلى حساسية. بينما يستخدم الإعداد 3 في ظروف المطر العادية. إعدادات 1 و2 يمكن استخدامهما إذا رغب السائق في تقليل حساسية الماسحة. ويمكن استخدام الإعداد 4 إذا رغب السائق في زيادة درجة الحساسية. ضع مفتاح الماسحة في وضع OFF (إيقاف التشغيل) عند عدم استخدام النظام.

ملاحظة:

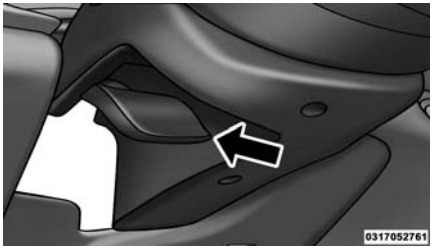
- **لا تعمل ميزة استشعار المطر عند وجود مفتاح الماسحة في وضعي السرعة المنخفض أو المرتفع.**
- **قد لا تعمل ميزة استشعار المطر بشكل سليم عند وجود الثلج أو ماء الملح المجفف على الزجاج الأمامي.**
- **قد يؤدي استعمال منتج ®Rain-X أو المنتجات المحتوية على الشمع أو السليكون إلى تقليل أداء مستشعر المطر.**
- **يمكن تشغيل ميزة استشعار المطر وإيقاف تشغيلها باستخدام نظام ®Uconnect، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.**

يحتوي نظام استشعار المطر على ميزات حماية للشفرات والأذرع، ولن يعمل في الظروف التالية:

- **انخفاض درجة الحرارة المحيطة** - عند إدارة المفتاح إلى وضع ON (التشغيل) لأول مرة، لن يعمل نظام استشعار المطر حتى يتم تحريك مفتاح الماسحة أو تكون سرعة السيارة أكبر من 0 كم/ساعة (0 ميل/ساعة) أو تكون درجة الحرارة الخارجية أكبر من 0 درجة مئوية (32 درجة فهرنهايت).
- **ناقل الحركة في وضع NEUTRAL (اللاتعشيق)** - عند وجود المفتاح في وضع ON (التشغيل) وناقل الحركة الأوتوماتيكي في وضع NEUTRAL (اللاتعشيق)، لن يعمل نظام استشعار المطر حتى يتم تحريك مفتاح الماسحة أو تكون سرعة السيارة أكبر من 8 كم/ساعة (5 أميال/الساعة) أو يتم تحريك ذراع النقل/محدد التروس خارج وضع NEUTRAL (اللاتعشيق).

عمود التوجيه القابل للإمالة/الإطالة والتقصير

تتيح لك هذه الميزة إمالة عمود التوجيه لأعلى أو لأسفل. كما تتيح إطالة أو تقصير عمود التوجيه. يوجد ذراع التحكم في الإطالة والتقصير والإمالة أسفل عجلة القيادة عند نهاية عمود التوجيه.



ذراع التحكم في الإطالة والتقصير والإمالة

لإلغاء قفل عمود التوجيه، اضغط على مقبض التحكم لأسفل (في اتجاه الأرضية). لإمالة عمود التوجيه، قم بتحريك عجلة القيادة لأعلى أو لأسفل حسب رغبتك. لإطالة أو تقصير عمود التوجيه، قم بجذب الذراع للخارج أو ادفعه للداخل حسب رغبتك. لقفل عمود التوجيه في موضعه، اسحب مقبض التحكم لأعلى حتى يتم التعشيق الكامل.

الرذاذ

استعمل ميزة الرذاذ عندما تقتضي ظروف الطقس الاستخدام المؤقت للماسحات. ادفع الذراع لأعلى إلى وضع الرذاذ ثم حرره للحصول على دورة مسح واحدة.

ملاحظة: لا تقوم ميزة مسح الغبار بتشغيل مضخة الغاسلة ولذا فلن يتم رش أي سائل غاسلة على الزجاج الأمامي. يجب استخدام وظيفة الغسيل لرش الزجاج الأمامي بسائل الغاسلة.

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مفتاح الرذاذ

مزيل الثلوج وماسحة الزجاج الأمامي - إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بميزة مزيل الثلوج وماسحة الزجاج الأمامي التي قد يتم تنشيطها في ظل الشروط التالية:

- **التنشيط من خلال ميزة إزالة الصقيع الأمامي** - يتم تنشيط مزيل الثلوج وماسحة الزجاج الأمامي تلقائيًا في حالة البدء يدويًا في الطقس البارد مع تشغيل إزالة الصقيع الأمامي الكامل، وعندما يكون مستوى سرعة المروحة أكبر من 5 وعندما تكون درجة الحرارة المحيطة أقل من 4.4 درجات مئوية (40 درجة فهرنهايت).
- **التنشيط من خلال ميزة إزالة الصقيع الخلفي** — يتم تنشيط مزيل الثلوج وماسحة الزجاج الأمامي تلقائيًا عند تشغيل إزالة الصقيع الخلفي، وعندما تكون درجة الحرارة المحيطة أقل من 40 درجة فهرنهايت (4.4 درجات مئوية).
- **التنشيط من خلال تشغيل نظام بدء التشغيل عن بُعد** - عندما يكون بدء التشغيل عن بُعد نشطًا ودرجة الحرارة المحيطة الخارجية أقل من 40 درجة فهرنهايت (4.4 درجات مئوية)، سيتم تمكين ميزة مزيل الثلوج وماسحة الزجاج الأمامي. عند الخروج من ميزة بدء التشغيل عن بُعد يتم استئناف التشغيل السابق إلا إذا كان ينبغي استمرار تشغيل موقت مزيل الثلوج وماسحة الزجاج الأمامي.

الماسحات الحساسة للمطر - إذا كانت السيارة مزودة بذلك

تستشعر هذه الميزة الندى على الزجاج الأمامي وتنشط الماسحات أوتوماتيكيًا للسائق. وتفيد هذه الميزة خصوصًا فيما يتعلق برذاذ الطريق أو زيادة سائل غاسلة الزجاج الأمامي. أدر طرف الذراع المتعدد الوظائف إلى أحد الإعدادات الأربعة لتنشيط هذه الميزة.

تنبيه!

قم دائمًا بازالة أي كمية متجمعة من الثلج قد تمنع شفرات ماسحات الزجاج الأمامي من الرجوع إلى وضع التوقف. إذا تم وضع مفتاح ماسحة الزجاج الأمامي في وضع الإيقاف ولم يكن بإمكان شفرات الماسحات الرجوع إلى وضع التوقف، فقد يؤدي ذلك إلى تلف موتور الماسحات.

نظام ماسحات متقطع الحركة

استخدم إحدى السرعات الأربع لهذا النظام عندما تقتضي ظروف الطقس دورة مسح واحدة مع التوقف بين كل دورة والتي تليها لفترة معينة يمكنك اختيارها. عند سرعات القيادة الأعلى من 16 كم/ساعة (10 أميال/ساعة) يمكن تنظيم زمن التأخير من 18 ثانية تقريبًا كحد أقصى بين دورات التشغيل (الحابسة الأولى) إلى دورة تشغيل كل ثانية (الحابسة الرابعة).

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تشغيل متقطع لماسحة الزجاج

ملاحظة: إذا كانت السيارة تتحرك بسرعة أقل من 10 أميال/الساعة (16 كم/ساعة)، فستتضاعف أوقات التأخير.

تشغيل غاسلة الزجاج الأمامي

لاستخدام الغاسلة، اسحب الذراع للخلف تجاهك وانتظر الفترة التي ترغب خلالها باستمرار الرذاذ. إذا تم سحب الذراع أثناء التواجد في الإعداد المتقطع، فسيتم تشغيل الماسحات وستعمل لعدة دورات مسح بعد تحرير الذراع، ثم تستأنف الفترة المتقطعة التي تم تحديدها مسبقًا.

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تشغيل غاسلة الزجاج الأمامي

وإذا تم سحب الذراع عندما تكون الماسحات في وضع إيقاف التشغيل، فستعمل الماسحات لعدة دورات مسح ثم تتوقف.

تحذير!

إن فقدان وضوح الرؤية خلال الزجاج الأمامي بصورة مفاجئة يمكن أن يسبب حدوث تصادم. حيث قد لا تستطيع رؤية السيارات أو الأشياء الأخرى. لتفادي تكون الجليد المفاجئ خلال الأيام الباردة، سخن الزجاج الأمامي بواسطة مزيل الصقيع قبل وأثناء استخدام غاسلة الزجاج الأمامي.

(تابع)

وضع الاستعراض (ميزة ضبط شدة الضوء في النهار)

أدر مفتاح التحكم في تعتيم أضواء لوحة أجهزة القياس لأعلى إلى الحابسة الأولى. تقوم هذه الميزة بإضاءة جميع شاشات عرض النصوص مثل عداد السرعة ومركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID) والراديو إذا تم تشغيل مصابيح الوضع أو المصابيح الأمامية.

ميزة موفر طاقة البطارية

لحماية البطارية، يتوقف تشغيل المصابيح الداخلية أوتوماتيكيًا لمدة 10 دقائق بعد تحريك مفتاح التشغيل إلى وضع LOCK (القفل). ويحدث ذلك إذا تم تشغيل المصابيح الداخلية يدويًا أو بسبب فتح أحد الأبواب.

ماسحات وغاسلات الزجاج الأمامي

توجد مفاتيح التحكم في ماسحة/غاسلة الزجاج الأمامي على ذراع ماسحة/غاسلة الزجاج الأمامي على الجانب الأيمن من عمود التوجيه. يتم تشغيل الماسحات الأمامية من خلال إدارة المفتاح الموجود عند نهاية الذراع. للحصول على معلومات حول ماسحة/غاسلة النافذة الخلفية، راجع "ميزات الزجاج الخلفي" في "فهم مزايا سيارتك".

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ذراع ماسحة/غاسلة الزجاج الأمامي

تشغيل ماسحة الزجاج الأمامي

أدر طرف الذراع باتجاه أحد مواضع الحابسات الأربع الأولى للإعدادات المتقطعة، والحابسة الخامسة لتشغيل الماسحة بسرعة بطيئة والحابسة السادسة لتشغيل الماسحة بسرعة عالية.

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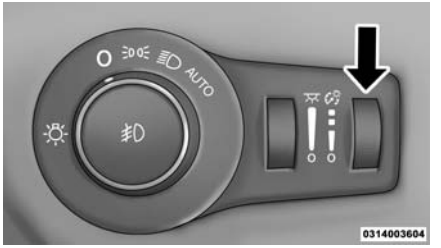
تشغيل ماسحة الزجاج الأمامي

توجد أضواء الزينة فوق المقاعد الأمامية. يمكن تشغيل أضواء الزينة بالضغط على العدسة. لإطفاء المصابيح، اضغط على العدسة مرة ثانية.

مفتاح التحكم في تعتيم إضاءة لوحة أجهزة القياس

مفتاح التحكم في تعتيم إضاءة لوحة أجهزة القياس هو جزء من مفتاح المصباح الأمامي ويقع على جانب السائق من لوحة أجهزة القياس.

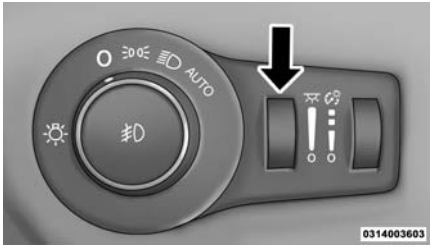
تؤدي إدارة مفتاح التحكم في تعتيم إضاءة لوحة أجهزة القياس إلى أعلى أثناء تشغيل مصابيح التوقف أو المصابيح الأمامية إلى زيادة درجة سطوع أضواء لوحة أجهزة القياس وحاملات الأكواب المضيئة - إذا كانت السيارة مزودة بذلك.



تعتيم إضاءة لوحة أجهزة القياس

مفتاح التحكم في الإضاءة المحيطة - إذا كانت السيارة مزودة بذلك

أدر مفتاح التحكم في تعتيم الأضواء المحيطة لأعلى أو لأسفل لزيادة أو خفض سطوع الإضاءة المحيطة الموجودة في الكونسول العلوي وأضواء مقابض الأبواب وأسفل أضواء I/P وأضواء جيوب الخريطة بالباب وأضواء الحاوية الصغيرة.



مفتاح التحكم في تعتيم الإضاءة المحيطة/مقبض الباب

موضع أضواء السقف

أدر مفتاح التحكم في تعتيم إضاءة لوحة أجهزة القياس للأعلى تمامًا إلى الحابسة الثانية لإضاءة المصابيح الداخلية. وتبقى المصابيح الداخلية مضاءة عندما يكون التحكم في تعتيم إضاءة لوحة أجهزة القياس في هذا الوضع.

إطفاء المصابيح الداخلية

أدر مفتاح التحكم في تعتيم إضاءة لوحة أجهزة القياس إلى وضع OFF (إيقاف التشغيل) بأقصى الجزء السفلي. تظل المصابيح الداخلية مطفأة عند فتح الأبواب.

- **تظهر رسالة "Turn Signal On" (إشارة الانعطاف قيد التشغيل) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) ويصدر تنبيه صوتي مستمر إذا تمت قيادة السيارة لأكثر من 1.6 كم (1 ميل) أثناء تشغيل إحدى إشارتي الانعطاف.**
- **عند تشغيل أضواء النهار مع تنشيط إشارة الانعطاف، سوف ينطفئ مصباح أضواء النهار الموجود في جانب السيارة التي يومض به إشارة الانعطاف. سوف يضيء مصباح أضواء النهار مرة أخرى عند إيقاف تشغيل إشارة الانعطاف.**

مساعدات تغيير الحارة

اضغط الذراع إلى الأعلى أو الأسفل مرة واحدة، دون تجاوز الحابسة وستومض إشارة الانعطاف (اليمنى أو اليسرى) ثلاث مرات ثم ستتوقف أوتوماتيكيًا.

مفتاح الضوء العالي/الضوء المنخفض

ادفع الذراع متعدد الوظائف بعيدًا عنك لتحويل المصابيح الأمامية إلى وضع الضوء العالي. اجذب الذراع متعدد الوظائف ناحيتك لتحويل المصابيح الأمامية مرة أخرى إلى الضوء المنخفض.

وميض التجاوز

يمكنك الإشارة بالمصابيح الأمامية بسيارتك إلى سيارة أخرى عن طريق جذب الذراع متعدد الوظائف ناحيتك قليلاً. يؤدي هذا إلى تشغيل الضوء العالي للمصابيح الأمامية حتى يتم تحرير الذراع.

المصابيح الداخلية

تضيء المصابيح الداخلية عند فتح أحد الأبواب.

لحماية البطارية، يتوقف تشغيل المصابيح الداخلية أوتوماتيكيًا لمدة 10 دقائق بعد تحريك مفتاح التشغيل إلى وضع LOCK (القفل). ويحدث ذلك إذا تم تشغيل المصابيح الداخلية يدويًا أو بسبب فتح أحد الأبواب. ويشمل ذلك ضوء صندوق القفازات ولكن لا يشمل ضوء صندوق الأمتعة الخلفية. لاستعادة تشغيل المصباح الداخلي، ضع مفتاح التشغيل في وضع ON/RUN (التشغيل/الانطلاق) أو أدر مفتاح المصباح.

مصابيح الخرائط/القراءة الأمامية

يتم تركيب مصابيح قراءة الخرائط/القراءة الأمامية في الكونسول العلوي. يمكن تشغيل كل مصباح عن طريق الضغط على مفتاح بأحد جانبي الكونسول. لإيقاف تشغيل المصابيح، اضغط على المفتاح مرة ثانية. تتم إضاءة هذه الأضواء أيضًا عند فتح أحد الأبواب أو عند الضغط على زر UNLOCK (إلغاء القفل) على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) أو عندما يكون مفتاح التعتيم مدارًا إلى أعلى بشكل كامل متجاوزًا الحابسة الثانية.

مفاتيح مصابيح قراءة الخرائط/القراءة الأمامية

تذكير عن ترك المصابيح مضاءة

إذا كانت المصابيح الأمامية أو مصابيح التوقف مضاءة بعد وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل)، فسوف تنطلق إشارة صوتية لتنبيه السائق عندما يتم فتح باب السائق.

أضواء التوقف

لتشغيل أضواء التوقف، يجب أن يكون مفتاح التشغيل في وضع OFF (إيقاف التشغيل). أدر مفتاح المصباح الأمامي إلى وضع "P" (التوقف). ثم حرك الذراع متعدد الوظائف للأعلى أو للأسفل إلى يمين أو يسار أضواء التوقف.

مصابيح الضباب الأمامية والخلفية - إذا كانت السيارة مزودة بذلك

تكون مفاتيح مصابيح الضباب مدمجة في مفتاح المصباح الأمامي.

لتنشيط مصابيح الضباب الأمامية، اضغط على النصف العلوي من مفتاح المصباح الأمامي. لإيقاف تشغيل مصابيح الضباب الأمامية، اضغط على النصف العلوي من مفتاح المصباح الأمامي مرة أخرى.

لتنشيط مصابيح الضباب الخلفية، اضغط على النصف السفلي من مفتاح المصباح الأمامي. لإيقاف تشغيل مصابيح الضباب الخلفية، اضغط على النصف السفلي من مفتاح المصباح الأمامي مرة أخرى.

ملاحظة: لتشغيل مصابيح الضباب الخلفية، يجب تنشيط مصابيح الضباب الأمامية أو مصابيح الضوء المنخفض أولاً.

يضيء ضوء مؤشر في مجموعة أجهزة القياس عند إضاءة مصابيح الضباب.

الذراع متعدد الوظائف

يتحكم الذراع متعدد الوظائف في تشغيل إشارات الانعطاف واختيار شعاع المصباح الأمامي وأضواء التجاوز. يوجد الذراع متعدد الوظائف في الجانب الأيسر من عمود التوجيه.

الذراع متعدد الوظائف

إشارات الانعطاف

حرك الذراع متعدد الوظائف للأعلى أو للأسفل، وستضيء الأسهم الموجودة على كل جانب من جوانب مجموعة أجهزة القياس لعرض طريقة التشغيل الصحيحة لمصابيح إشارات الانعطاف الأمامية والخلفية.

ملاحظة:

- **إذا استمر أي من المصابيح مضاءً دون أن يومض، في حالة زيادة معدل الوميض عن الحد المطلوب، فتأكد من عدم وجود أي خلل في مصابيح الإضاءة الخارجية. في حالة عدم إضاءة المؤشر عند تحريك الذراع؛ فقد يدل ذلك على تعطل لمبة المؤشر.**

التحكم الأوتوماتيكي في المصباح الأمامي ذو الضوء العالي — إذا كانت السيارة مزودة بذلك

يقدم نظام التحكم الأوتوماتيكي في المصباح الأمامي ذو الضوء العالي إضاءة أمامية أوضح ليلاً بالتحكم التلقائي في الضوء العالي من خلال استخدام كاميرا رقمية مثبتة داخل مرآة الرؤية الخلفية الداخلية. وتعمل هذه الكاميرا على رصد ضوء السيارات والتبديل التلقائي من الضوء العالي إلى الضوء العادي إلى أن تبتعد السيارة عن الرؤية.

ملاحظة:

- **يمكن تشغيل نظام التحكم الأوتوماتيكي في المصباح الأمامي ذو الضوء العالي أو إيقاف تشغيله باستخدام نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.**
- **المصابيح الأمامية والخلفية المكسورة أو المتسخة أو المعاقة في المركبات في مجال الرؤية تجعل المصابيح الأمامية تظل مضيئة لفترة أطول (الأقرب إلى السيارة). كما يتسبب أيضًا التراب والأوساخ والعوائق الأخرى على الزجاج الأمامي أو عدسة الكاميرا في عمل النظام بشكل غير سليم.**
- **للخروج من التحكم في حساسية المصابيح الأوتوماتيكية عالية الضوء المتقدمة (الافتراضي) وللدخول إلى التحكم في حساسية المصابيح عالية الضوء المنخفضة (غير مُوصى به)، قم بتبديل ذراع الضوء العالي 6 دورات تشغيل/إيقاف تشغيل كاملة في غضون 10 ثوان من إدارة مفتاح التشغيل إلى وضع ON (التشغيل). يعود النظام إلى الإعداد الافتراضي عند إدارة مفتاح التشغيل إلى وضع إيقاف التشغيل.**

إذا استبدلت مرآة الزجاج الأمامي أو التحكم الأوتوماتيكي في المصباح الأمامي ذو الضوء العالي، فيجب إعادة توجيه المرآة لضمان الأداء الصحيح. راجع الوكيل المعتمد المحلي.

للتنشيط

1. أدر مفتاح المصباح الأمامي إلى الوضع AUTO (أوتوماتيكي) للمصباح الأمامي.
2. ادفع الذراع متعدد الوظائف بعيدًا عنك (نحو مقدمة السيارة) لتعشيق وضع الضوء العالي.

ملاحظة:
هذا النظام لن يعمل إلا عندما تسير السيارة بسرعة تبلغ أو تزيد عن 24 كم/ساعة (15 ميلاً/الساعة).

لإلغاء التنشيط

1. اسحب الذراع متعدد الوظائف نحوك (أو للخلف في السيارة) لتعطيل النظام يدويًا (التشغيل العادي للضوء المنخفض).
2. اضغط الذراع متعدد الوظائف مرة ثانية لإعادة تنشيط النظام.

أضواء النهار (DRL) - إذا كانت السيارة مزودة بذلك

تضيء أضواء النهار عندما يبدأ تشغيل المحرك، مع إطفاء المصابيح الأمامية وإيقاف تشغيل فرامل التوقف. يجب استخدام مفتاح المصباح الأمامي للقيادة العادية أثناء الليل.

ملاحظة: إذا كان القانون يسمح بذلك في البلد الذي تم فيه شراء السيارة، فيمكن تشغيل أضواء النهار (DRL) وإيقاف تشغيلها باستخدام نظام ®Uconnect، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

نظام ضبط مستوى المصباح الأمامي - إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بنظام ضبط مستوى المصباح الأمامي. وهذا النظام يتيح للسائق إمكانية المحافظة على وضع مناسب لاتجاه المصابيح الأمامية بالنسبة للطريق بغض النظر عن الحمولة الموجودة في السيارة.

يوجد مفتاح التحكم على لوحة أجهزة القياس قرب مفتاح التحكم في تعتيم الأضواء.

ولتشغيل النظام، أدر مفتاح التحكم حتى يصبح الرقم الذي يشير إلى الحمولة الموجودة في السيارة كما هو مبين في الجدول بمحاذاة الخط المؤشر على المفتاح.

0 /1	السائق فقط أو السائق والراكب الأمامي.
2	جميع مواضع الجلوس مشغولة، بالإضافة إلى حمولة موزعة بالتساوي في حجرة الأمتعة. ولا يتجاوز الوزن الكلي للركاب والحمولة السعة القصوى لتحميل السيارة.
3	السائق، بالإضافة إلى حمولة موزعة بالتساوي في حجرة الأمتعة. ولا يتجاوز الوزن الكلي للسائق والحمولة السعة القصوى لتحميل السيارة.

تأخير إطفاء المصباح الأمامي

توفر هذه الميزة الأمان من خلال إضاءة المصباح الأمامي لمدة 90 ثانية (قابلة للبرمجة) عند ترك سيارتك في مكان غير مضيء.

ولتشغيل هذه الميزة، ضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل) عندما تكون المصابيح الأمامية مضاءة. أوقف بعد ذلك تشغيل المصابيح الأمامية في خلال 45 ثانية. تبدأ فترة التأخير عند وضع مفتاح المصباح الأمامي في وضع إيقاف التشغيل.

إذا قمت بتشغيل المصابيح الأمامية أو أضواء التوقف، أو وضعت قرص التشغيل في وضع ACC (الملحقات) أو RUN (الانطلاق)، فسيقوم النظام بإلغاء مهلة التأخير.

إذا قمت بإطفاء المصابيح الأمامية قبل إدارة مفتاح التشغيل إلى وضع إيقاف التشغيل، فسيتم إطفاؤه كالمعتاد.

ملاحظة:

- **يجب إطفاء الأضواء خلال 45 ثانية من وضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل) لتنشيط هذه الميزة.**
- **يمكن برمجة مهلة تأخير إضاءة المصباح الأمامي باستخدام نظام ®Uconnect، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.**

مفتاح المصباح الأمامي

أدر مفتاح المصباح الأمامي في اتجاه عكس عقارب الساعة إلي الحابسة الأولي لتشغيل ضوء التوقف وضوء لوحة أجهزة القياس. أدر مفتاح المصباح الأمامي في اتجاه عقارب الساعة إلي الحابسة الأولي لتشغيل المصباح الأمامي وضوء التوقف وضوء لوحة أجهزة القياس.

المصابيح الأمامية الأوتوماتيكية - إذا كانت السيارة مزودة بذلك

يقوم هذا النظام بإضاءة المصابيح الأمامية أو إطفائها أوتوماتيكيًا بناءً على مستويات الإضاءة في الوسط المحيط بالسيارة. لتشغيل النظام، أدر مفتاح المصباح الأمامي في اتجاه عقارب الساعة إلى الحابسة الأخيرة لتشغيل المصابيح الأمامية أوتوماتيكيًا. وعندما يكون هذا النظام في وضع التشغيل فإن ميزة تأخير وقت المصباح الأمامي تكون في حالة تشغيل أيضًا. وهذا يعني أن المصابيح الأمامية لديك سوف تظل في حالة تشغيل لما يصل إلى 90 ثانية بعد وضع قرص التشغيل على وضع OFF (إيقاف التشغيل). لإيقاف تشغيل النظام الأوتوماتيكي، حرّك مفتاح المصباح الأمامي بعيدًا عن الوضع AUTO (أوتوماتيكي).

ملاحظة: يجب أن يكون المحرك عاملًا قبل إضاءة المصابيح الأمامية في الوضع الأوتوماتيكي.

إضاءة المصابيح الأمامية مع الماسحات (متوفرة فقط مع المصابيح الأمامية الأوتوماتيكية)

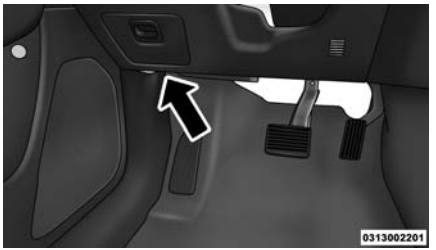
عند تنشيط هذه الميزة، ستضيء المصابيح الأمامية بعد تشغيل الماسحات في حالة وضع مفتاح المصابيح الأمامية في وضع AUTO (أوتوماتيكي) وضبط الميزة القابلة للبرمجة على ON (التشغيل). يتم إيقاف تشغيل المصابيح الأمامية أيضًا عند إيقاف تشغيل الماسحات إذا كان قد تم تشغيلها باستخدام هذه الميزة.

ملاحظة: يمكن تشغيل ميزة إضاءة المصابيح الأمامية مع الماسحات أو إيقاف تشغيلها باستخدام نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect/الميزات القابلة للبرمجة بواسطة العميل" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

لفتح غطاء المحرك وغلقه

يجب أن يتم تحرير مزلاجين لفتح غطاء المحرك.

1. اسحب ذراع تحرير غطاء المحرك الموجود أسفل جهة السائق من لوحة أجهزة القياس.



تحرير غطاء المحرك

2. قم بالتحرك إلى خارج السيارة، واسحب ذراع تحرير مزلاج الأمان إلى الأمام (باتجاهك). يوجد ذراع تحرير مزلاج الأمان خلف الحافة الأمامية الوسطي لغطاء المحرك.

موقع ذراع تحرير مزلاج أمان غطاء المحرك

تنبيه!

تجنب غلق غطاء المحرك بقوة لتفادي أي تلف ممكن. أنزل غطاء المحرك حتى يتم فتحه بمقدار 15 سم (6 بوصات) ثم أسقطه. وذلك من شأنه أن يؤدي إلى قفل المزلاجين. لا تقم بقيادة السيارة أبدًا إلا إذا كان غطاء المحرك مغلقا غلقًا تامًا وبعد تعشيق كلا المزلاجين.

تحذير!

تأكد من إحكام غلق غطاء المحرك قبل قيادة السيارة. إن عدم غلق غطاء المحرك بإحكام يمكن أن يؤدي إلى فتحه بصورة مفاجئة أثناء سير السيارة وبالتالي حجب الرؤية. يترتب على عدم اتباع هذا التحذير حدوث إصابات خطيرة أو الوفاة.

المصابيح

مفتاح المصباح الأمامي

يوجد مفتاح المصباح الأمامي على الجانب الأيسر من لوحة أجهزة القياس. يتحكم هذا المفتاح في تشغيل المصابيح الأمامية ومصابيح الوقوف والمصابيح الأمامية الأوتوماتيكية - إذا كانت السيارة مزودة بذلك، وتعتيم إضاءة لوحة أجهزة القياس وتعتيم الإضاءة المحيطة - إذا كانت السيارة مزودة بذلك، المصابيح الداخلية ومصابيح الضباب الأمامية والخلفية - إذا كانت السيارة مزودة بذلك، وضبط مستوى الضوء الأمامي - إذا كانت السيارة مزودة بذلك.

استعادة وضع الذاكرة

ملاحظة: بالنسبة للسيارات المزودة بناقل حركة أوتوماتيكي، يجب أن تكون السيارة في وضع PARK (التوقف) لاستعادة أوضاع الذاكرة. عند محاولة القيام بالاستدعاء أثناء وجود السيارة في وضع غير وضع PARK (التوقف)، فستظهر رسالة في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID). بالنسبة للسيارات المزودة بناقل حركة يدوي، يجب أن تكون سرعة السيارة 0 كم/ساعة (0 ميل/الساعة) لاستدعاء أوضاع الذاكرة. عند محاولة القيام بالاستدعاء أثناء وجود السيارة على سرعة أعلى من 0 كم/ساعة (0 ميل/الساعة)، فستظهر رسالة في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).

لاستعادة إعدادات الذاكرة للسائق رقم واحد، اضغط على زر MEMORY (الذاكرة) رقم (1) أو زر إلغاء القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) المرتبط بموضع الذاكرة 1.

لاستعادة إعداد الذاكرة للسائق الثاني، اضغط على زر MEMORY (الذاكرة) رقم 2 أو زر إلغاء القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) المرتبط بموضع الذاكرة 2.

ويمكن إلغاء طلب الاستدعاء بالضغط على أي زر من أزرار MEMORY (الذاكرة) الموجودة على باب السائق (S أو 1 أو 2) أثناء عملية الاستدعاء. وعند إلغاء طلب استدعاء، يتوقف مقعد السائق عن الحركة. سيحدث تأخر لمدة ثانية واحدة قبل اختيار أي عملية إعادة استدعاء أخرى.

ميزة الدخول/الخروج السهل

توفر هذه الميزة أوضاع مقعد سائق أوتوماتيكية لتسهيل حرية حركة السائق عند الدخول والخروج من السيارة.

تعتمد المسافة التي يتحركها مقعد السائق على الموضع الذي تركت عليه مقعد السائق عند إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).

- عند إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل)، سيتحرك مقعد السائق لمسافة 2.4 بوصة (60 مم) تقريبًا إلى الخلف إذا كان وضع مقعد السائق على بُعد أكبر من أو يساوي 2.7 بوصة (67.7 مم) أمام المصد الخلفي. يعود المقعد إلى الوضع المضبوط عليه مسبقًا عند إدارة مفتاح التشغيل إلى وضع ACC (الملحقات) أو RUN (الانطلاق).
- يتم تعطيل ميزة الدخول/الخروج السهل عندما يكون مقعد السائق على مسافة أقل من 22.7 مم (0.9 بوصة) أمام المصد الخلفي. فعند هذا الوضع لا تظهر فائدة للسائق من تحريك المقعد للدخول أو الخروج السهل.

لكل إعداد ذاكرة مخزن وضع خروج سهل ودخول سهل مرتبط به.

ملاحظة: لا يتم تمكين ميزة الدخول والخروج السهل عند تسلمك للسيارة من المصنع. يتم تمكين ميزة الدخول والخروج السهل (أو تعطيلها بعد ذلك) من خلال الميزات القابلة للبرمجة في نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect/الميزات القابلة للبرمجة بواسطة العميل" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

ملاحظة:

- **بالنسبة للسيارات المزودة بناقل حركة أوتوماتيكي، يمكن ضبط أوضاع الذاكرة دون الحاجة إلى أن تكون السيارة في وضع PARK (التوقف)، إلا أنه يجب أن تكون السيارة في وضع PARK (التوقف) كي يمكن استدعاء نموذج ذاكرة.**
- **بالنسبة للسيارات المزودة بناقل حركة يدوي، يجب أن تكون سرعة السيارة 0 كم/ساعة (0 ميل/ساعة) لاستدعاء نموذج ذاكرة.**
- **لضبط وضع الذاكرة على جهاز إرسال نظام فتح الأبواب عن بُعد من دون مفاتيح (RKE)، راجع "ربط وإلغاء ربط جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح بالذاكرة" في هذا القسم.**

ربط وإلغاء ربط جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح بالذاكرة

يمكن برمجة أجهزة إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لاستدعاء أحد الوضعين المبرمجين مسبقًا بالذاكرة بالضغط على زر إلغاء القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE).

ملاحظة: قبل برمجة أجهزة إرسال فتح الأبواب عن بُعد (RKE) يتعين عليك تحديد ميزة "الذاكرة المرتبطة بحافظة المفاتيح" من خلال شاشة نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

لبرمجة أجهزة الإرسال، قم بتنفيذ ما يلي:

1. أدر مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل).
2. اختر نموذج الذاكرة المطلوب 1 أو 2.

ملاحظة: في حالة عدم وجود وضع ذاكرة معين بالفعل، راجع "برمجة ميزة الذاكرة" في هذا القسم للحصول على تعليمات حول كيفية تعيين وضع ذاكرة.

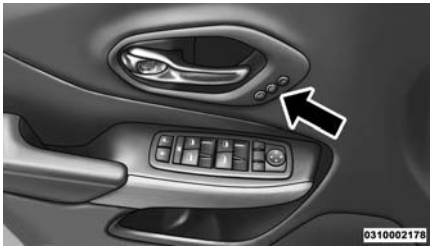
3. اضغط وحرر زر SET (الضبط) على مفتاح الذاكرة، ثم في غضون خمس ثوان اضغط وحرر الزر الموضوع عليه الرقم 1 أو 2 وفقًا لما اخترته سابقًا. يتم عرض رسالة "Memory Profile Set" (تم ضبط وضع الذاكرة) (النموذج 1 أو 2) في مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID).
4. اضغط وحرر زر القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) خلال عشر ثوان.

ملاحظة: يمكن فصل أجهزة إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) عن إعدادات الذاكرة بالضغط على زر S (الضبط)، متبوعًا بالضغط على زر إلغاء القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) في غضون 10 ثوان.

المقعد المضبوط في الذاكرة للسائق - إذا كانت السيارة مزودة بذلك

تتيح هذه الميزة للسائق تخزين ما يصل إلى وضعي ذاكرة مختلفين للاستدعاء السريع من خلال مفتاح ذاكرة. يحتوي كل وضع ذاكرة على إعدادات مواضع مرغوبة لمقعد السائق والمرايا الجانبية ومجموعة من محطات الراديو المضبوطة مسبقًا.

يوجد مفتاح الذاكرة على لوحة باب السائق. المفتاح يحتوي على ثلاثة أزرار: زر عليه الحرف S (الضبط) يستخدم لتنشيط وظيفة الحفظ بالذاكرة وزر الذاكرة رقم (1) وزر الذاكرة رقم (2). يتيح مفتاح الذاكرة للسائق استدعاء أي من نموذجي الذاكرة السابق برمجتهما بالضغط على زر الرقم المناسب على المفتاح.



مفتاح ذاكرة السائق

برمجة ميزة الذاكرة

لإنشاء وضع ذاكرة جديد، قم بما يلي:

ملاحظة: يؤدي حفظ وضع ذاكرة جديد إلى مسح وضع ذاكرة حالي من الذاكرة.

1. أدر مفتاح التشغيل إلى وضع ON (التشغيل).

2. قم بضبط جميع إعدادات وضع الذاكرة على التفضيلات المرغوبة (أي المقعد والمرآة الجانبية ومحطات الراديو المضبوطة مسبقًا).

3. اضغط على زر SET (الضبط) على مفتاح الذاكرة وحرره، ثم اضغط على زر رقم (1) في غضون خمس ثوان. سوف تعرض شاشة عرض مركز معلومات السيارة الإلكتروني (EVIC) أو شاشة عرض معلومات السائق (DID) وضع الذاكرة الذي تم ضبطه.

إذا رغبت، يمكن تخزين وضع ذاكرة ثاني في الذاكرة كما يلي:

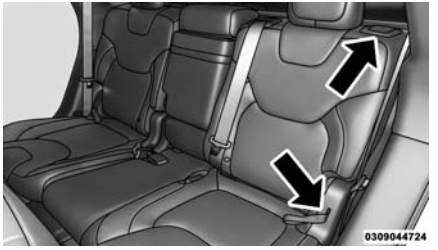
1. أدر مفتاح التشغيل إلى وضع ON (التشغيل).

2. قم بضبط جميع إعدادات وضع الذاكرة على التفضيلات المرغوبة (أي المقعد والمرآة الجانبية ومحطات الراديو المضبوطة مسبقًا).

3. اضغط على زر SET (الضبط) على مفتاح الذاكرة وحرره، ثم اضغط على زر رقم (2) في غضون خمس ثوان. يعرض مركز معلومات السيارة الإلكتروني (EVIC)/شاشة عرض معلومات السائق (DID) وضع الذاكرة الذي تم ضبطه.

لإنزال المقعد الخلفي

1. ارفع ذراع تحرير ظهر المقعد الموجود في الحافة الخارجية العلوية من المقعد أو اسحب شريط السحب الموجود في منتصف الحافة الخارجية للمقعد.



ذراع تحرير ظهر المقعد الخلفي وشريط السحب

2. قم بطي ظهر المقعد الخلفي للأمام بالكامل.

لرفع المقعد الخلفي

ملاحظة: إذا كان هناك عائق في منطقة الحمولة يمنع القفل الكامل لظهر المقعد، فستعاني من صعوبة في إرجاع المقعد إلى موضعه الصحيح.

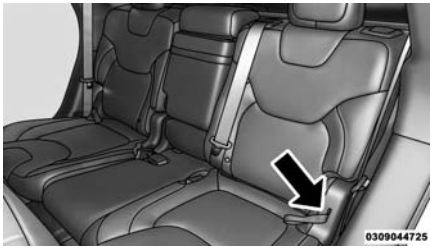
ارفع ظهر المقعد، وقم بقفله في موضعه.

تحذير!

تأكد من إحكام قفل ظهر المقعد بكامله في موضعه. إذا لم يكن ظهر المقعد محكم القفل في موضعه، فلن يوفر المقعد الاستقرار المناسب لمقاعد الأطفال و/أو الركاب. حيث قد يتسبب المقعد غير المثبت بشكل صحيح في حدوث إصابة خطيرة.

ضبط ذراع الإمالة

يتم أيضًا إمالة ظهر المقعد الخلفي لمزيد من الراحة للراكب. اسحب شريط السحب أثناء الجلوس في المقعد الخلفي لإمالة ظهر المقعد.



شريط السحب الخاص بإمالة المقعد الخلفي

تحذير!

لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة خطيرة أو الوفاة.

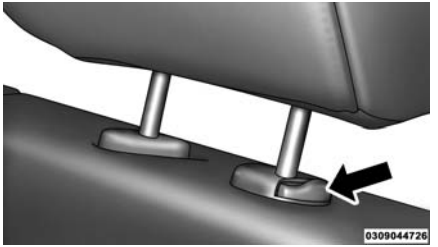
تحذير!

لا تضع أشياء أعلى مسند الرأس النشط مثل المعاطف أو أغطية المقاعد أو أجهزة تشغيل أقراص DVD المحمولة. قد تتداخل هذه الأشياء مع تشغيل مسند الرأس النشط في حالة وقوع تصادم وقد ينتج عن ذلك وقوع إصابة خطيرة أو الوفاة.

مساند الرأس الخلفية

تحتوي مساند الرأس الخلفية على وضعين: لأعلى ولأسفل. عند شغل المقعد الأوسط، ينبغي أن يكون مسند الرأس في الوضع المرتفع. وعندما لا يشغل أي ركاب المقعد الأوسط، يمكن خفض مسند الرأس للحصول على أكبر مساحة رؤية للسائق.

لرفع مسند الرأس، اسحبه إلى الأعلى. لخفض مسند الرأس، اضغط على زر التحرير الموجود في قاعدة مسند الرأس وادفع مسند الرأس إلى الأسفل.



زر التحرير

مقعد الطي المنقسم 60/40 الخلفي المزود بميزة الطي المسطح

لتوفير مساحة تخزين إضافية، يمكن طي كل مقعد خلفي بشكل مسطح. ويسمح ذلك بتوسيع مساحة التخزين مع الاستمرار في الإبقاء على سعة لمواضع الجلوس الخلفية.

ملاحظة: قبل طي المقعد الخلفي، قد يكون من الضروري ضبط وضع المقعد الأمامي إلى وضع المسار الأوسط. وتأكد أيضًا من وجود المقاعد الأمامية في الوضع العمودي وللأمام. وهو الأمر الذي يسمح بطي المقعد الخلفي بسهولة.

تحذير!

- إن ركوب السيارة في منطقة الحمولة أمر بالغ الخطورة سواء كان ذلك داخل السيارة أو خارجها. ففي حالات التصادم من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- لا تسمح لأي شخص بالركوب في أي جزء من السيارة غير مزود بمقاعد وأحزمة أمان.
- تأكد من جلوس جميع الركاب في المقاعد واستخدامهم لأحزمة الأمان بصورة صحيحة.

ضبط المقعد الخلفي للأمام/للخلف

ارفع قضيب الضبط الموجود أمام المقعد الموجود بالقرب من الأرضية وحرره عندما يكون المقعد في الوضع المطلوب. وباستخدام ضغط جسمك، تحرك إلى الأمام والخلف وأنت جالس على المقعد للتأكد من تثبيت وصلات ضبط المقعد بإحكام.

المقاعد الأمامية المزودة بفتحات التهوية - إذا كانت السيارة مزودة بذلك

حيث توجد مراوح صغيرة في وسادة المقعد وظهر المقعد تعمل على سحب الهواء من مقصورة الركاب وتقوم بسحب الهواء من خلال فتحات في غطاء المقعد للمساعدة على تهوية السائق والراكب في درجات الحرارة العالية المحيطة. وتعمل المراوح بسرعتين HIGH (عالٍ) وLOW (منخفض).

توجد أزرار التحكم في المقاعد الأمامية المزودة بفتحات التهوية في نظام ®Uconnect. ويمكنك الوصول إلى أزرار التحكم من خلال شاشة درجة الحرارة أو شاشة مفاتيح التحكم.

- اضغط على زر المقعد المزود بفتحات تهوية مرة واحدة لاختيار HIGH (عالٍ).
- اضغط على زر المقعد المزود بفتحات تهوية مرة أخرى لاختيار LOW (منخفض).
- اضغط على زر المقعد المزود بفتحات تهوية مرة ثالثة لإيقاف تشغيل المقعد المزود بفتحات تهوية.

ملاحظة: يجب أن يكون المحرك في وضع التشغيل لكي تعمل المقاعد المزودة بالتهوية.

مساند الرأس

مساند الرأس مصممة لتقليل مخاطر الإصابة عن طريق تقييد حركة الرأس في حالة حدوث تصادم خلفي. يجب ضبط مساند الرأس بحيث يكون مسند الرأس أعلى أذنيك.

تحذير!

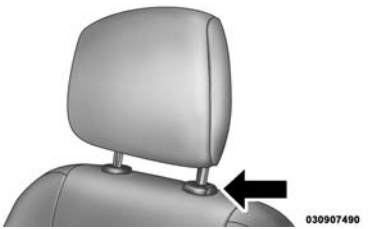
يجب ضبط مساند الرأس لجميع الركاب بشكل سليم قبل تشغيل السيارة أو الجلوس في المقعد. يجب عدم ضبط مساند الرأس مطلقًا أثناء حركة السيارة. قد ينجم عن قيادة السيارة مع إزالة مساند الرأس أو ضبطها بطريقة خاطئة إلى إصابة خطيرة أو الوفاة في حالة وقوع تصادم.

مساند الرأس التفاعلية - المقاعد الأمامية

المقاعد الأمامية للسائق والراكب مزودة بمساند الرأس التفاعلية (RHR). في حالة تعرض السيارة لصدمة من الخلف، سوف تتمدد مساند الرأس التفاعلية (RHR) أوتوماتيكيًا للأمام لتقليل الفجوة بين الجزء الخلفي لرأس الركاب ومسند الرأس التفاعلي (RHR).

وسوف تعود مساند الرأس التفاعلية (RHR) أوتوماتيكيًا لموضعها الطبيعي بعد الصدمة الخلفية. أما إذا لم تعد مساند الرأس التفاعلية (RHR) لموضعها الطبيعي، فراجع الوكيل المعتمد في الحال.

لرفع مسند الرأس، اسحبه إلى الأعلى. لخفض مسند الرأس، اضغط على زر التحرير الموجود في قاعدة مسند الرأس وادفع مسند الرأس إلى الأسفل.

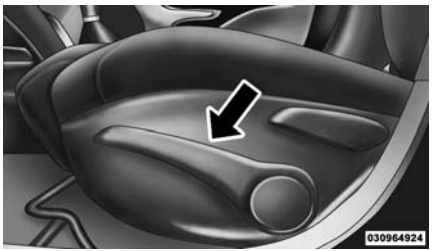


زر التحرير

ملاحظة: يجب ألا يتم خلع مساند الرأس إلا بواسطة فنيين مؤهلين ولتنفيذ أغراض الخدمة فقط. راجع وكيلك المعتمد في حالة ضرورة خلع مساند الرأس.

الضبط اليدوي لارتفاع المقعد — إذا كانت السيارة مزودة بذلك

يمكن رفع مقعد السائق أو إنزاله من خلال استخدام ذراع التحكم الموجود على الجانب الخارجي من المقعد. اسحب الذراع لأعلى لزيادة ارتفاع المقعد أو اضغط عليه لأسفل لخفض ارتفاع المقعد.



ضبط ارتفاع المقعد

المقاعد الأمامية المسخنة - إذا كانت السيارة مزودة بذلك

توجد أزرار التحكم في المقاعد الأمامية في نظام ®Uconnect. ويمكنك الوصول إلى أزرار التحكم من خلال شاشة درجة الحرارة أو شاشة مفاتيح التحكم.

- اضغط على زر المقعد المسخن مرة واحدة لتشغيل الإعداد HIGH (عالٍ).
- اضغط على زر المقعد المسخن مرة أخرى لتشغيل الإعداد LOW (منخفض).
- اضغط على زر المقعد المسخن مرة ثالثة لإيقاف تشغيل عناصر التسخين.

إذا تم اختيار مستوى عالٍ (HI)، فسوف ينتقل النظام أوتوماتيكيًا إلى المستوى المنخفض (LO) بعد حوالي 60 دقيقة من التشغيل المتواصل. وبعد هذه المدة، سوف تتغير الشاشة من HI (عالٍ) إلى LO (منخفض) لتشير إلى التغيير. كما يؤدي التشغيل على المستوى المنخفض (LO) إلى الإيقاف الأوتوماتيكي بعد 45 دقيقة تقريبًا.

ملاحظة: يجب أن يكون المحرك في وضع التشغيل لكي تعمل المقاعد المسخنة.

يمكن برمجة هذه الميزة من خلال نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

تحذير!

- الأشخاص غير القادرين على تحمل وجود ألم بالجلد بسبب كبر السن أو المرض المزمن أو الإصابة بمرض السكري أو إصابة العمود الفقري أو تناول الأدوية أو التعب الشديد أو أية حالة بدنية أخرى، على كل هؤلاء توخي الحرص عند استخدام جهاز تدفئة المقعد. فقد يتعرض هؤلاء لحروق حتى مع انخفاض درجات الحرارة، وخصوصًا عند استخدامه لفترات طويلة.
- لا تضع أية متعلقات على المقعد والتي قد تمثل عازلاً للحرارة، مثل بطانية أو وسادة. فقد يؤدي ذلك إلى زيادة سخونة جهاز تدفئة المقعد. إن الجلوس على مقعد درجة حرارته أعلى من الحد قد تؤدي إلى حروق خطيرة بسبب درجة حرارة سطح المقعد الزائدة.

المقاعد اليدوية - إذا كانت السيارة مزودة بذلك

ضبط المقعد الأمامي للخلف/للأمام يدويًا

في بعض الطُرز المزودة بمقاعد يدوية، يكون قضيب الضبط موجودًا أمام المقاعد، وبالقرب من الأرضية.

ضبط المقعد الأمامي

أثناء الجلوس بالمقعد، ارفع القضيب وحرك المقعد للأمام أو الخلف. حرر القضيب عند الوصول للموضع المطلوب. وباستخدام ضغط جسمك، تحرك إلى الأمام والخلف وأنت جالس على المقعد للتأكد من تثبيت وصلات ضبط المقعد بإحكام.

تحذير!

- قد يشكل ضبط المقعد أثناء القيادة خطرًا. فقد يؤدي تحريك المقعد أثناء القيادة إلى فقدان السيطرة مما قد يتسبب في حدوث تصادم وإصابات خطيرة أو الوفاة.
- يجب ضبط المقاعد قبل ربط أحزمة الأمان وخلال توقف السيارة. قد تحدث الإصابة أو الوفاة نتيجة لسوء ضبط حزام الأمان.

ضبط إمالة المقعد الأمامي يدويًا

لضبط ظهر المقعد، ارفع الذراع الموجود على الجانب الخارجي من المقعد وقم بالاتكاء بظهرك على الموضع المطلوب، ثم حرر الذراع. لإرجاع ظهر المقعد، ارفع الذراع وقم بالاتكاء للأمام، ثم حرر الذراع.

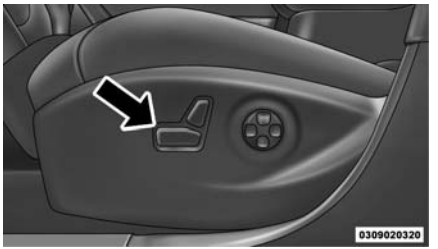
ذراع الإمالة

تحذير!

لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة خطيرة أو الوفاة.

المقاعد العاملة بالطاقة - إذا كانت السيارة مزودة بذلك

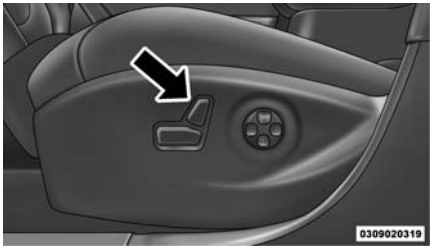
قد تكون بعض الطُرز مزودة بمقعد راكب عامل بالطاقة. يوجد مفتاح المقعد العامل بالطاقة على الجانب الخارجي من المقعد بالقرب من أرضية السيارة. استخدم المفتاح لتحريك المقعد للأعلى أو للأسفل أو للأمام أو للخلف.



مفتاح المقعد العامل بالطاقة

إمالة ظهر المقعد للأمام أو الخلف

يمكن إمالة ظهر المقعد للأمام أو الخلف. قم بدفع مفتاح إمالة المقعد للأمام أو الخلف، وسيتحرك ظهر المقعد في اتجاه المفتاح. حرر المفتاح عند الوصول إلى الوضع المطلوب.



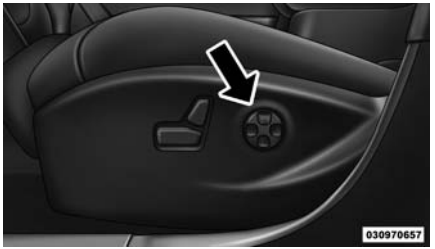
مفتاح إمالة المقعد العامل بالطاقة

تحذير!

لا تقد السيارة وظهر المقعد مائل إلى الوراء بشكل يمنع استقرار حزام الكتف حول صدرك. ففي حالة التصادم، قد تنزلق أسفل حزام الأمان مما قد ينتج عنه إصابة خطيرة أو الوفاة.

دعامة أسفل الظهر العاملة بالطاقة ـــ إذا كانت السيارة مزودة بذلك

قد تكون السيارات المزودة بمقاعد عاملة بالطاقة للسائق أو الراكب مزودة بدعامة أسفل الظهر العاملة بالطاقة. يوجد مفتاح دعامة أسفل الظهر العاملة بالطاقة على الجانب الخارجي من المقعد العامل بالطاقة. اضغط على المفتاح للأمام أو للخلف لزيادة أو تقليل دعامة أسفل الظهر. اضغط على المفتاح للأعلى أو للأسفل لرفع أو خفض دعامة أسفل الظهر.



مفتاح دعامة أسفل الظهر العاملة بالطاقة

مصابيح تنبيه النقاط الخفية فقط

عند تشغيل السيارة في وضع تنبيه النقاط الخفية، يقوم نظام مراقبة النقاط الخفية (BSM) بإصدار تنبيه مرئي في مرآة الرؤية الجانبية الملائمة اعتمادًا على الجسم الذي تم اكتشافه. ولكن عند تشغيل النظام في وضع مسار التقاطع الخلفي (RCP)، سوف يستجيب النظام بإصدار تنبيه مرئي وصوتي عند وجود جسم تم اكتشافه. عند ضرورة إصدار أي تنبيه صوتي، يتم كتم صوت الراديو.

مصابيح/الإشارة الصوتية لتنبيه النقاط الخفية

عند تشغيل السيارة في وضع المصابيح/الإشارة الصوتية لتنبيه النقاط الخفية، يقوم نظام مراقبة النقاط الخفية (BSM) بإصدار تنبيه مرئي في مرآة الرؤية الجانبية الملائمة اعتمادًا على الجسم الذي تم اكتشافه. وفي حالة تنشيط إشارة الانعطاف عند ذلك، وتناسبها مع تنبيه موجود على ذلك الجانب من السيارة، يتم إصدار إشارة صوتية أيضًا. وعند وجود إشارة انعطاف وجسم تم اكتشافه على نفس الجانب في نفس الوقت، يتم إصدار كلا التنبيهين المرئي والصوتي. بالإضافة إلى التنبيه الصوتي، يتم كتم صوت الراديو (في حالة تشغيله).

ملاحظة: وعند ضرورة إصدار تنبيه صوتي من خلال نظام BSM، يتم كتم صوت الراديو.

ولكن عند تشغيل النظام في وضع مسار التقاطع الخلفي (RCP)، يستجيب النظام بإصدار تنبيه مرئي وصوتي عند وجود جسم ما تم اكتشافه. وعند ضرورة إصدار تنبيه صوتي، يتم كتم صوت الراديو أيضًا. يتم تجاهل حالة إشارة الانعطاف/الخطر؛ حيث دائمًا ما تطلب حالة مسار التقاطع الخلفي (RCP) إصدار إشارة صوتية.

إيقاف تنبيه النقاط الخفية

عند إيقاف تشغيل نظام مراقبة النقاط الخفية BSM، لن يصدر نظام BSM أو مسار التقاطع الخلفي RCP أي تنبيهات مرئية أو صوتية.

ملاحظة: يقوم نظام مراقبة النقاط الخفية (BSM) بتخزين وضع التشغيل الحالي عند إيقاف تشغيل السيارة. وفي كل مرة يتم فيها تشغيل السيارة، يتم استدعاء الوضع الذي سبق تخزينه ويصبح قيد الاستخدام.

المقاعد

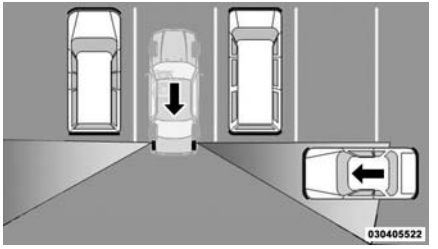
تعد المقاعد جزءًا من نظام تثبيت الركاب بالسيارة.

تحذير!

- إن ركوب السيارة في منطقة الحمولة أمر بالغ الخطورة سواء كان ذلك داخل السيارة أو خارجها. ففي حالات التصادم من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- لا تسمح لأي شخص بالركوب في أي جزء من السيارة غير مزود بمقاعد وأحزمة أمان. ففي حالات التصادم من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- تأكد من جلوس جميع الركاب في المقاعد واستخدامهم لأحزمة الأمان بصورة صحيحة.

مسار التقاطع الخلفي

تم تصميم ميزة مسار التقاطع الخلفي (RCP) لمساعدة السائق عند الرجوع بالسيارة للخروج من أماكن الوقوف حيث قد تتعذر رؤيتهم للسيارات القادمة. تحرك ببطء وحرص عند الخروج من مكان الوقوف حتى تظهر مؤخرة السيارة. سيحصل نظام مسار التقاطع الخلفي (RCP) حينئذٍ على رؤية واضحة للمرور المتقاطع وينبه السائق في حالة اكتشاف سيارة قادمة.



مناطق اكتشاف مسار التقاطع الخلفي (RCP)

يراقب مسار التقاطع الخلفي (RCP) مناطق الاكتشاف الخلفية على كلا جانبي السيارة، بالنسبة للأشياء التي تتحرك باتجاه جانب السيارة بسرعة تتراوح من 3 أميال/الساعة (5 كم/ساعة) تقريبًا كحد أدنى، والأشياء التي تتحرك بسرعة تبلغ نحو 20 ميلاً/الساعة (32 كم/ساعة) تقريبًا كحد أقصى، كما هو الحال في مواقف السيارات.

ملاحظة: في موقف السيارات، قد تتعذر رؤية السيارات القادمة بسبب السيارات الواقفة على أي من الجانبين. فإذا تعرضت المستشعرات للإعاقة بسبب تكوينات أو سيارات أخرى، فلن يتمكن النظام من تنبيه السائق.

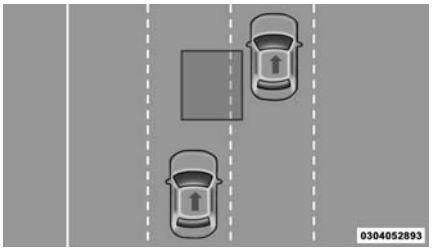
عند تشغيل مسار التقاطع الخلفي (RCP) وتواجد السيارة في وضع REVERSE (الرجوع للخلف)، يتم تنبيه السائق باستخدام كلا الإنذارين المرئي والصوتي، مع خفض صوت الراديو.

تحذير!

لا يعد نظام مسار التقاطع الخلفي (RCP) نظامًا مساعدًا للرجوع إلى الخلف. حيث إنه مصمم ليتم استخدامه في مساعدة السائق على اكتشاف السيارات القادمة في موقف السيارات. يجب أن يتوخى سائقو السيارات الحرص عند الرجوع إلى الخلف حتى عند استخدام نظام مسار التقاطع الخلفي (RCP). قم دائمًا بفحص منطقة خلف السيارة بحرص، وانظر خلفك وتأكد من عدم وجود مشاة أو سيارات أخرى أو عوائق ومناطق غير مرئية قبل الرجوع للخلف. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

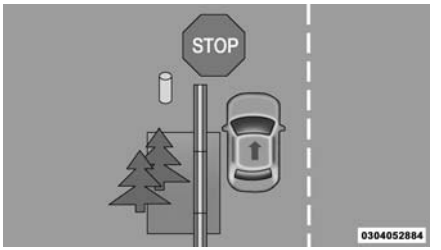
أوضاع التشغيل

تتوافر ثلاثة أوضاع قابلة للتحديد من أوضاع التشغيل في نظام ®Uconnect. راجع "إعدادات نظام ®Uconnect/الميزات القابلة للبرمجة بواسطة العميل" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.



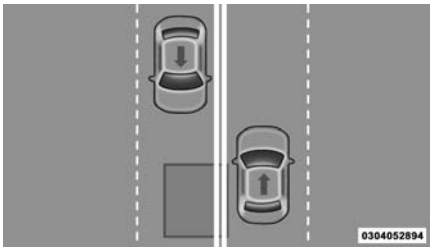
اللحاق/التجاوز

لم يتم تصميم نظام مراقبة النقاط الخفية (BSM) لإصدار تنبيه بخصوص الأشياء الثابتة مثل اللافتات والقوائم والحوائط والصفائح والحواف، وغيرها. ومع ذلك، فقد يصدر النظام تنبيهًا لتلك الأشياء في بعض الأحيان. هذا أمر عادي في السيارة ولا تحتاج سيارتك إلى صيانة.



الأشياء الثابتة

لا يصدر نظام مراقبة النقاط الخفية (BSM) تنبيهًا حول الأشياء المتحركة في الاتجاه المعاكس للسيارة في الحارات المجاورة.



حركة المرور العكسية

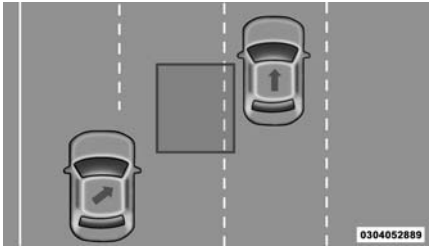
تحذير!

إن نظام مراقبة النقاط الخفية يعد وسيلة للمساعدة في اكتشاف الأشياء الموجودة في مناطق النقاط غير المرئية. ولم يتم تصميم نظام مراقبة النقاط الخفية (BSM) لاكتشاف المشاة أو راكبي الدراجات أو الحيوانات. وحتى في حالة تزويد سيارتك بنظام مراقبة النقاط الخفية (BSM)، فيجب دائمًا التحقق من مرايا السيارات والنظر من فوق الكتف واستخدام إشارة الانعطاف قبل تغيير الحارات. قد يؤدي الفشل في القيام بذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة.

(تابع)

الدخول من الجانب

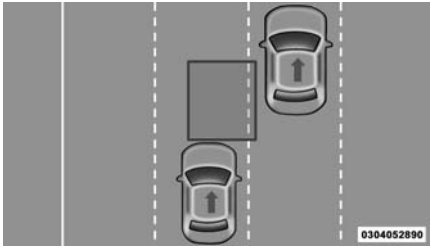
السيارات التي تدخل للحارات المجاورة لك من أحد جانبي السيارة.



مراقبة الجانب

الدخول من الخلف

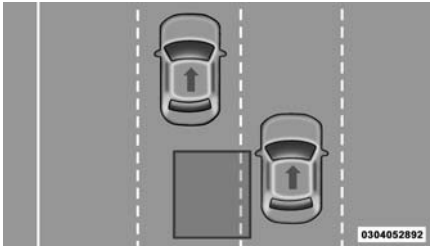
السيارات التي تأتي من خلف السيارة على أحد الجانبين وتدخل منطقة الاكتشاف الخلفية بسرعة نسبية تقل عن 48 كم/ساعة (30 ميلاً/ساعة).



مراقبة الخلف

اللحاق بالمرور

إذا تخطيت سيارة أخرى ببطء بسرعة نسبية تقل عن 16 كم/ساعة (10 أميال/الساعة) وبقيت السيارة في النقطة غير المرئية لمدة تساوي 1.5 ثانية تقريبًا، فسيتم تشغيل ضوء التحذير. وإذا تجاوز الفرق في السرعة بين السيارتين 16 كم/ساعة (10 أميال/ساعة)، فلن يتم تشغيل ضوء التحذير.



اللحاق/الاقتراب

تغطي منطقة اكتشاف مراقبة النقاط الخفية (BSM) حارة واحدة تقريبًا على كلا جانبي السيارة بمسافة 3.8 أمتار (12 قدمًا). ويبدأ طول المنطقة من المرآة الخارجية ويمتد لنحو3 أمتار (10 أقدام) من المصد الخلفي للسيارة. يعمل نظام مراقبة النقاط الخفية (BSM) على مراقبة مناطق الاكتشاف على جانبي السيارة عندما تصل سرعة السيارة إلى نحو 10 كم/ساعة (6 أميال/ساعة) أو أعلى ويعمل على تنبيه السائق في هذه المناطق.

ملاحظة:

- **لا يعمل نظام مراقبة النقاط الخفية (BSM) على تنبيه السائق بالسيارات المقتربة بسرعة والتي تخرج عن حيز مناطق الاكتشاف.**
- **لا تتغير منطقة اكتشاف نظام مراقبة النقاط الخفية (BSM) في حالة سحب سيارتك لمقطورة. لذا، يجب التحقق بالعين من الحارة المجاورة بالنسبة لسيارتك والمقطورة قبل تغيير الحارة. في حالة تجاوز المقطورة أو غيرها (دراجة بخارية أو أجهزة رياضية) لجوانب السيارة، فقد ينتج عن ذلك استمرار تشغيل ضوء تحذير نظام مراقبة النقاط الخفية (BSM) ما دامت السيارة في وضع السير إلى الأمام.**

يجب أن تبقى المنطقة الواقعة على مقدمة اللوحة الخلفية التي توجد بها مستشعرات الرادار خالية من الجليد أو الثلج والأوساخ أو التلوث الناتج عن الطريق حتى يعمل نظام مراقبة النقاط الخفية (BSM) بشكل سليم. لا تقم بإعاقة منطقة مقدمة اللوحة الخلفية التي توجد بها مستشعرات الرادار بالأشياء الغريبة (ملصقات على المصد، حوامل الدراجات، وما إلى ذلك.)

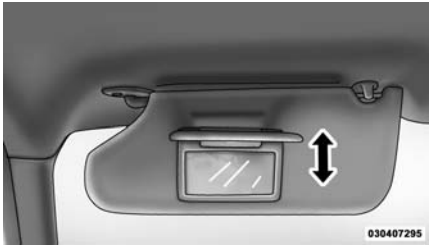
يقوم نظام مراقبة النقاط الخفية (BSM) بإصدار تنبيه مرئي في مرآة الرؤية الجانبية الملائمة اعتمادًا على الجسم الذي تم اكتشافه. وفي حالة تنشيط إشارة الانعطاف عند ذلك، وتناسبها مع تنبيه موجود على ذلك الجانب من السيارة، يتم إصدار إشارة صوتية أيضًا. وعند وجود إشارة انعطاف وجسم تم اكتشافه على نفس الجانب في نفس الوقت، يتم إصدار كلا التنبيهين المرئي والصوتي. بالإضافة إلى التنبيه الصوتي، يتم كتم صوت الراديو (في حالة تشغيله).

موقع ضوء التحذير

يقوم نظام مراقبة النقاط الخفية (BSM) بمراقبة منطقة الاكتشاف من ثلاث نقاط دخول مختلفة (الجانب، الخلف، الأمام) أثناء القيادة لتحديد ما إذا كانت هناك ضرورة للتنبيه. ويصدر النظام تنبيهًا صوتيًا خلال هذه الأنواع من دخول المناطق.

مرايا الزينة المضيئة — إذا كانت السيارة مزودة بذلك

توجد مرآة زينة مضيئة على حاجب الشمس. ولاستخدام المرآة، أدر حاجب الشمس إلى الأسفل مع إمالة غطاء المرآة إلى الأعلى. ستضيء المصابيح أوتوماتيكيًا. وعند غلق غطاء المرآة ينطفئ الضوء.



مرآة الزينة المضيئة

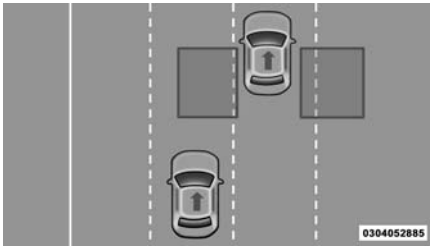
ميزة "التحريك على الحامل" الخاصة بحاجب الشمس — إذا كانت السيارة مزودة بذلك

تتيح ميزة "التحريك على الحامل" الخاصة بحاجب الشمس مزيدًا من المرونة في وضع حاجب الشمس لحجب أشعة الشمس.

1. قم بطي حاجب الشمس لأسفل.
2. قم بفك الحاجب من المشبك الأوسط.
3. قم بسحب حاجب الشمس في اتجاه مرآة الرؤية الخلفية الداخلية لتوسيعه.

نظام مراقبة النقاط الخفية (BSM) - إذا كانت السيارة مزودة بذلك

يستخدم نظام مراقبة النقاط الخفية (BSM) مستشعرين يعتمدان على الرادار، وهما موجودان داخل واجهة المصد الخلفي، لاكتشاف السيارات المرخصة للسير على الطرق السريعة (العربات والشاحنات والدراجات البخارية وما إلى ذلك) والتي تدخل في مناطق النقاط الخفية من خلف السيارة أو أمامها أو جانبها.



مناطق الاكتشاف الخلفية

عند تشغيل السيارة، يعمل ضوء تحذير نظام مراقبة النقاط الخفية (BSM) لفترة قصيرة في كل من مرآتي الرؤية الخلفية الخارجية حتى يعرف السائق أن النظام يعمل. وتعمل مستشعرات نظام مراقبة النقاط الخفية عندما تكون السيارة في وضع السير للأمام أو الرجوع للخلف بينما تصبح في وضع الاستعداد عندما تكون السيارة في وضع التوقف.

ملاحظة: بالنسبة للسيارات المزودة بمقعد مضبوط في الذاكرة للسائق، يمكنك استخدام جهاز إرسال نظام فتح الأبواب عن بُعد (RKE) أو مفتاح الذاكرة على لوحة أجهزة القياس لإرجاع المرايا العاملة بالطاقة إلى الأوضاع المبرمجة مسبقًا. راجع "المقعد المضبوط في الذاكرة للسائق" ضمن قسم "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

الطُرز غير المحتوية على ميزة النافذة السريعة

اضغط على زر اختيار المرآة الموضوع عليه العلامة R (يمين) أو L (يسار)، ثم اضغط على أحد أزرار الأسهم الأربعة لتحريك المرآة في الاتجاه الذي يشير إليه السهم.

المرايا التي يتم طيها كهربيًا - إذا كانت السيارة مزودة بذلك

يوجد مفتاح المرايا التي يتم طيها كهربيًا بين مفتاحي المرآة العاملة بالطاقة L (الأيسر) و R (الأيمن). اضغط على المفتاح مرة واحدة وسيتم طي المرايا، وسيؤدي الضغط على المفتاح مرة ثانية إلى عودة المرايا إلى وضعها العادي أثناء القيادة.

مفتاح المرآة التي يتم طيها كهربيًا

ملاحظة: إذا كانت سرعة السيارة أكبر من 16 كم/ساعة (10 أميال/ساعة)، فسيتم تعطيل ميزة الطي.

إذا كانت المرايا في وضع الطي وكانت سرعة السيارة تساوي 16 كم/ساعة (10 أميال/ساعة) أو تزيد عليها، فسيتم إلغاء طيها أوتوماتيكيًا.

إعادة ضبط المرايا الخارجية التي يتم طيها كهربيًا

قد تحتاج إلى إعادة ضبط المرايا التي يتم طيها كهربيًا في حالة حدوث ما يلي:

- تمت إعاقة المرايا دون قصد عند طيها.
- تم طي/إلغاء طي المرايا يدويًا دون قصد.
- خرجت المرايا من الوضع الذي تكون فيه غير مطوية.
- اهتزاز المرايا وتأرجحها في سرعات القيادة العادية.

لإعادة ضبط المرايا التي يتم طيها كهربيًا: قم بطيها وإلغاء طيها بالضغط على الزر. (قد يتطلب هذا الضغط المتكرر على الزر). سيعمل هذا على إعادة ضبطها على الوضع العادي.

المرايا المسخنة - إذا كانت السيارة مزودة بذلك

تسخن هذه المرايا لإذابة الجليد أو الصقيع. ويمكن تنشيط هذه الميزة عند تشغيل مزيل صقيع الزجاج الخلفي (إذا كانت السيارة مزودة بذلك). راجع "ميزات الزجاج الخلفي" الواردة في "فهم مزايا سيارتك" لمزيد من المعلومات.

تنبيه!

لتفادي تلف المرآة أثناء التنظيف، لا ترش السائل المنظف مباشرة على المرآة أبدًا. بل رش السائل المنظف على قطعة قماش نظيفة وامسح المرآة.

المرايا الخارجية

للحصول على أقصى استفادة، اضبط المرآة (المرايا) الخارجية بحيث تكون في وسط حارة المرور المجاورة لسيارتك وبحيث تستطيع أن ترى فيها ما تراه في المرآة الداخلية ولكن بشكل متراكب قليلاً.

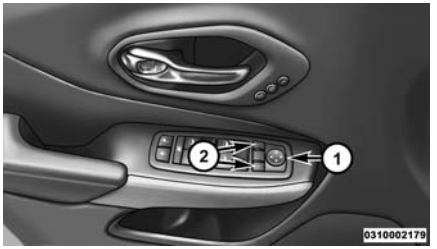
ملاحظة: تعطي المرآة الخارجية المحدبة في جانب الراكب نطاق رؤية أوسع للمنطقة الخلفية، وخاصة للحارة التي بجوار سيارتك.

تحذير!

تبدو السيارات والأشياء التي تراها في المرايا الجانبية المحدبة أصغر وأبعد مما هي عليه بالفعل. إن الاعتماد الزائد على المرآة المحدبة في جانب الراكب قد يؤدي إلى اصطدام سيارتك بالسيارات أو الأجسام الأخرى. استخدم المرآة الداخلية للتأكد من حجم أو بُعد السيارة التي تراها في المرآة المحدبة في جانب الراكب.

المرايا العاملة بالطاقة

توجد مفاتيح التحكم في المرايا العاملة بالطاقة في لوحة كسوة باب السائق.



مفاتيح المرايا العاملة بالطاقة

1 — مفتاح التحكم في اتجاه المرايا

2 — مفتاح تحديد المرايا اليمنى واليسرى

الطُرز المحتوية على ميزة النافذة السريعة

اضغط وحرر زر اختيار المرآة الموضوع عليه العلامة R (يمين) أو L (يسار)، ثم اضغط على أحد أزرار الأسهم الأربعة لتحريك المرآة في الاتجاه الذي يشير إليه السهم. تنتهي مهلة الاختيار بعد 30 ثانية من عدم النشاط للحماية من التحريك غير المتعمد للمرآة بعد عملية الضبط.

المرايا

المرآة الداخلية للاستخدام في النهار والليل - إذا كانت السيارة مزودة بذلك

السيارة مزودة بمرآة واحدة ذات مفصل كروي. وهي عبارة عن مرآة التوائية ذات موضع مثبت على الزجاج الأمامي. المرآة مثبتة في زر الزجاج الأمامي مع التدوير عكس اتجاه عقارب الساعة ولا يتطلب ذلك أدوات للتركيب. يمكن ضبط رأس المرآة لأعلى ولأسفل ولليسار ولليمين وفقًا لظروف القيادة المختلفة. يجب ضبط المرآة لتوسيط الرؤية من خلال الزجاج الخلفي.

يمكن تقليل شدة ضوء المصابيح الأمامية للسيارات القادمة من الخلف وذلك بتحريك مفتاح التحكم الصغير الموجود تحت المرآة إلى وضع الليل (بسحبه باتجاه مؤخرة السيارة). يجب ضبط المرآة عندما يكون مفتاح التحكم الصغير أسفل المرآة مضبوط في وضع النهار (في اتجاه الزجاج الأمامي).

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ضبط مرآة الرؤية الخلفية

مرآة التعتيم الأوتوماتيكي — إذا كانت السيارة مزودة بذلك

السيارة مزودة بمرآة واحدة ذات مفصل كروي. وهي عبارة عن مرآة التوائية ذات موضع مثبت على الزجاج الأمامي. المرآة مثبتة في زر الزجاج الأمامي مع التدوير عكس اتجاه عقارب الساعة ولا يتطلب ذلك أدوات للتركيب. يمكن ضبط رأس المرآة لأعلى ولأسفل ولليسار ولليمين وفقًا لظروف القيادة المختلفة. يجب ضبط المرآة لتوسيط الرؤية من خلال الزجاج الخلفي.

تنضبط هذه المرآة أوتوماتيكيًا لتقليل شدة ضوء المصابيح الأمامية الذي تسببه السيارات من الخلف.

ملاحظة:

- **يتم تمكين ميزة مرآة التعتيم الأوتوماتيكي عندما تكون السيارة في ترس الرجوع للخلف لتحسين العرض الخلفي.**
- **يمكن تشغيل ميزة مرآة التعتيم الأوتوماتيكي وإيقاف تشغيلها باستخدام نظام ®Uconnect، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.**

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مرآة التعتيم الأوتوماتيكي

- صيانة السقف المتحرك ١٧٢
- التشغيل أثناء وجود المفتاح في وضع OFF (إيقاف التشغيل) ١٧٢
- مآخذ الطاقة الكهربائية ١٧٣
- لوحة الشحن اللاسلكية - إذا كانت السيارة مزودة بذلك ١٧٥
- تشغيل لوحة الشحن اللاسلكية ١٧٥
- حاملات الأكواب ١٧٧
- التخزين ١٧٧
- صندوق القفازات ١٧٧
- حجرة تخزين الكونسول ١٧٨
- تخزين مقعد الراكب الأمامي Flip 'n Stow™ - إذا كانت السيارة مزودة بذلك. ١٧٩
- ميزات منطقة الحمولة ١٧٩
- أرضية تحميل الحمولة ١٧٩
- لوحات مُمدِّد الحمولة ١٧٩
- خطاطيف وحلقات تثبيت الحمولة ١٨٠
- غطاء منطقة الحمولة القابل للسحب - إذا كانت السيارة مزودة بذلك ١٨٠
- علب التخزين الخلفية ١٨١
- ميزات النوافذ الخلفية ١٨٢
- ماسحة/غاسلة الزجاج الخلفي ١٨٢
- مزيل الصقيع عن النافذة الخلفية ١٨٢
- حامل أمتعة سقفي -إذا كانت السيارة مزودة بذلك ١٨٣

- تمكين نظام مساعد التوقف ®ParkSense وتعطيله ١٥٢
- صيانة نظام مساعد التوقف ®ParkSense ١٥٣
- تنظيف نظام مساعد التوقف الخلفي ®ParkSense ١٥٤
- احتياطات الاستخدام الخاصة بنظام مساعد التوقف ®ParkSense ١٥٤
- نظام مساعد التوقف النشط ®PARKSENSE - إذا كانت السيارة مزودة بذلك ١٥٥
  - تمكين نظام مساعد التوقف النشط ®ParkSense وتعطيله ١٥٦
  - تشغيل/شاشة عرض مساعد مكان التوقف المتوازي ١٥٧
  - تشغيل/شاشة عرض مساعد مكان التوقف العمودي ١٦٢
- كاميرا الرجوع الخلفية ®PARKVIEW - إذا كانت السيارة مزودة بذلك ١٦٨
- السقف المتحرك العامل بالطاقة المزود بالمظلة العاملة بالطاقة - إذا كانت السيارة مزودة بذلك ... ١٦٩
  - فتح السقف المتحرك - الوضع السريع ١٧٠
  - فتح السقف المتحرك - الوضع اليدوي ١٧٠
  - إغلاق السقف المتحرك - الوضع السريع ١٧١
  - إغلاق السقف المتحرك — الوضع اليدوي ١٧١
  - تهوية السقف المتحرك - الوضع السريع ١٧١
  - فتح المظلة العاملة بالطاقة - الوضع السريع ١٧١
  - فتح المظلة العاملة بالطاقة - الوضع اليدوي ١٧١
  - إغلاق المظلة العاملة بالطاقة - الوضع السريع ١٧٢
  - إغلاق المظلة العاملة بالطاقة - الوضع اليدوي ١٧٢
  - ميزة الحماية ضد الانضغاط ١٧٢
  - اهتزاز السيارة بسبب هبوب الرياح ١٧٢

- تغيير حالة تحذير التصادم الأمامي (FCW) والفرامل النشطة ١٣٢
- تحذير التصادم الأمامي (FCW) المقيد ١٣٣
- تحذير صيانة تحذير التصادم الأمامي (FCW) ١٣٣
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  - تشغيل نظام LaneSense (استشعار الحارة) أو إيقاف تشغيله ١٣٤
  - رسالة تحذير نظام LaneSense (استشعار الحارة) ١٣٥
  - تغيير حالة نظام LaneSense (استشعار الحارة) ١٣٩
- مساعد التوقف الخلفي ®PARKSENSE — إذا كانت السيارة مزودة بذلك ١٣٩
  - مستشعرات نظام مساعد التوقف الخلفي ®ParkSense ١٣٩
  - الشاشة التحذيرية لنظام ®ParkSense ١٣٩
  - شاشة عرض نظام مساعد التوقف ®ParkSense ١٤٠
  - تمكين نظام مساعد التوقف ®ParkSense وتعطيله ١٤٢
  - صيانة نظام مساعد التوقف الخلفي ®ParkSense ١٤٣
  - تنظيف نظام مساعد التوقف الخلفي ®ParkSense ١٤٣
  - احتياطات الاستخدام الخاصة بنظام مساعد التوقف ®ParkSense ١٤٣
- مساعدات التوقف الأمامي والخلفي ®PARKSENSE —
  إذا كانت السيارة مزودة بذلك ١٤٥
  - مستشعرات نظام مساعد التوقف الخلفي ®ParkSense ١٤٦
  - الشاشة التحذيرية لنظام ®ParkSense ١٤٦
  - شاشة عرض نظام مساعد التوقف ®ParkSense ١٤٧

- لتغيير إعداد السرعة ١١١
- لتعجيل السرعة للتجاوز ١١٢
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  - لضبط السرعة الثابتة المهايئة (ACC) المطلوبة ١١٦
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تحذير! (تابع)

- تجنب على الإطلاق وضع سجادات الأرضية أو الأغطية الأخرى على سجادات الأرضية المثبتة بالفعل في الأرضية. فسجادات الأرضية أو الأغطية الأخرى الإضافية تتسبب في تقليل حجم منطقة الدواسات وتتداخل مع الدواسات.
- تحقق من تركيب السجادات بشكل منتظم. احرص دومًا على إعادة تثبيت سجادات الأرضية التي تمت إزالتها للتنظيف مع إحكام تثبيتها.
- تأكد دومًا من عدم سقوط أشياء في موضع قدمي السائق أثناء التحرك بالسيارة. فقد تنحشر هذه الأشياء تحت دواسة الفرامل ودواسة الوقود مما يتسبب في فقدان التحكم في السيارة.
- إذا لزم الأمر، فقد ينبغي تركيب مساند التثبيت بشكل صحيح، إذا لم يقم المصنع بتزويد السيارة بها.

قد يتسبب عدم مراعاة تركيب سجادة الأرضية أو تثبيتها بشكل صحيح في حدوث تداخل مع عملية تشغيل دواسة الفرامل أو دواسة الوقود مما يتسبب في فقدان القدرة على التحكم في السيارة.

فحوص السلامة الدورية التي يجب إجراؤها خارج السيارة

الإطارات

افحص الإطارات لمعرفة ما إذا كان هناك أي تآكل زائد عن الحد في المداسات أو تآكل غير متساو. تأكد من عدم وجود الحصى والمسامير والزجاج أو أي شيء آخر داخل المداس أو الجدار الجانبي. افحص المداس بحثًا عن قطوع وتشققات. افحص الجدران الجانبية بحثًا عن قطوع وتشققات ونتوءات. افحص صواميل العجلات للتأكد من إحكام ربطها. افحص الإطارات (بما في ذلك الإطار الاحتياطي) للتأكد من صحة ضغط الانتفاخ البارد.

المصابيح

اطلب من أحد الأشخاص ملاحظة مصابيح الفرامل والمصابيح الخارجية عندما تقوم بتشغيل مفاتيحها. افحص إشارات الانعطاف ومؤشر الضوء العالي على لوحة أجهزة القياس.

مزاليج الباب

تأكد من صحة الإغلاق وآلية القفل والقفل.

تسرب السوائل

افحص الأرض تحت السيارة عند إيقافها لمدة طويلة وتأكد من عدم وجود أي وقود أو سائل تبريد محرك أو زيت أو أية سوائل متسربة. وإذا لاحظت أيضًا وجود رائحة وقود أو كنت تشك في تسرب الوقود أو سائل الفرامل، فيجب التحري عن السبب وتصليح الخلل فورًا.

تعد أفضل وسيلة لحماية السيارة من تسرب غاز أول أكسيد الكربون إلى داخلها هو المحافظة بشكل مناسب على نظام عادم المحرك.

عند ملاحظة أي تغيير في صوت نظام العادم، أو عند الإحساس بتسرب أدخنة العادم إلى السيارة، أو عند تعرض الجزء السفلي أو مؤخرة السيارة للتلف، فعليك استدعاء فني ميكانيكي مؤهل لفحص نظام العادم بالكامل والأجزاء القريبة له من هيكل السيارة بحثًا عن أي كسر أو تلف أو تشوه أو إزاحة في القطع والمكونات. قد تسمح الشقوق أو التوصيلات غير المحكمة الغلق لأدخنة العادم بالتسلل إلى داخل مقصورة الركاب. وبالإضافة إلى ذلك، افحص نظام العادم في كل مرة يتم فيها رفع السيارة بغرض التشحيم أو تغيير الزيت. استبدله إذا تطلب الأمر.

فحوص السلامة التي يجب إجراؤها داخل السيارة

أحزمة الأمان

افحص نظام أحزمة المقاعد بصورة دورية للتأكد من عدم وجود أجزاء مقطوعة وممزقة ومرتخية. ويجب استبدال الأجزاء التالفة فورًا. لا تحاول فك النظام أو إدخال التعديلات عليه.

يجب استبدال أحزمة الأمان الأمامية بعد وقوع أي تصادم. ويجب استبدال مجموعات حزام المقعد الخلفية التالفة بعد وقوع أي تصادم (مثل التواء الماسك، تمزق النسيج أو غير ذلك). وإذا وجدت أي خلل في حزام الأمان أو آلية السحب؛ فاستبدل حزام الأمان.

ضوء تحذيري بشأن الوسادة الهوائية

يضيء هذا الضوء ويبقى لمدة بين 4 إلى 8 ثوان كنوع من الاختبار باستخدام المصباح وذلك عند إدارة مفتاح التشغيل إلى وضع ON (التشغيل) لأول مرة. إذا لم يضيء الضوء عند البدء، فاستشر الوكيل المعتمد. أما إذا استمر الضوء في الإضاءة أو الوميض أو أضاء أثناء القيادة، فيجب فحص النظام لدى الوكيل المعتمد.

مزيل الصقيع

افحص عمل النظام بتحديد وضع إزالة الصقيع مع ضبط مفتاح التحكم في المروحة على سرعة عالية. ويجب أن تشعر بالهواء الذي يتجه نحو الزجاج الأمامي. راجع الوكيل المعتمد لصيانة مزيل الصقيع إذا لم يعمل.

معلومات الأمان الخاصة بسجادات أرضية السيارة

استخدم دومًا سجادات أرضية السيارة المصممة بما يلائم موضع القدم بالسيارة. استخدم فقط سجادات الأرضية التي تترك منطقة الدواسة غير معاقة والتي يتم تثبيتها بإحكام تام بحيث لا تنزلق عن موضعها وتتداخل مع الدواسات أو تعيق التشغيل الآمن للسيارة بطرق أخرى.

تحذير!

يمكن أن تتسبب الدواسات التي يتعذر تحريكها بحرية في فقدان القدرة على التحكم في السيارة وزيادة مخاطر حدوث إصابة شخصية بالغة.

- تأكد دومًا من أن سجادات الأرضية مثبتة بشكل صحيح في مثبتات سجادة الأرضية.
- تجنب وضع سجادات الأرضية أو أي أغطية أخرى لأرضية السيارة يتعذر تثبيتها بإحكام أو تثبيتها في أي حالة وذلك لمنع هذه السجادات من التحرك والتداخل مع الدواسات أو القدرة على التحكم في السيارة.

(تابع)

يمتاز زيت المحرك الذي يضعه المصنع في المحرك بجودة عالية تحافظ على الطاقة وعلى التزييت. ويجب تغيير الزيت بانتظام وحسب مقتضيات الظروف المناخية المحيطة بالسيارة. لمعرفة درجات اللزوجة والجودة المُوصى بها، راجع "إجراءات الصيانة" في "صيانة السيارة".

تنبيه!

لا تستخدم زيت غير مطهر أو زيت معدني خالص في المحرك حتى لا يحدث تلف به.

ملاحظة: قد يستهلك المحرك الجديد بعض الزيت خلال الكيلومترات (الأميال) الألف الأولى من التشغيل. ويعتبر ذلك أمرًا طبيعيًا خلال مرحلة التليين ويجب ألا يفسر على أنه خلل.

إرشادات السلامة

نقل الركاب

لا تقم بنقل الركاب مطلقًا في منطقة الحمولة.

تحذير!

- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة بالداخل إلى حدوث إصابات خطيرة أو الوفاة.
- إن ركوب السيارة في منطقة الحمولة أمر بالغ الخطورة سواء كان ذلك داخل السيارة أو خارجها. ففي حالات التصادم من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- لا تسمح لأي شخص بالركوب في أي جزء من السيارة غير مزود بمقاعد وأحزمة أمان.
- تأكد من جلوس جميع الركاب في المقاعد واستخدامهم لأحزمة الأمان بصورة صحيحة.

غاز العادم

تحذير!

إن غازات العادم يمكن أن تسبب الأذى أو الوفاة. فهي تحتوي على أول أكسيد الكربون (CO) وهو عديم اللون والرائحة. وقد يتسبب في فقدان الوعي والتسمم إذا استنشقته. ولتجنب استنشاق غاز أول أكسيد الكربون (CO) اتبع نصائح السلامة التالية:

- امتنع عن تشغيل المحرك في مرآب مغلق أو أماكن مغلقة لمدة تزيد عما هو ضروري لإدخال أو إخراج سيارتك.
- إذا استدعت الضرورة قيادة السيارة وصندوق الأمتعة/باب المؤخرة/الأبواب الخلفية مفتوحة، فإنه يجب التأكد من أن جميع النوافذ مغلقة وأنه قد تم ضبط مفتاح مروحة التحكم في الهواء على سرعة عالية. ولا تستخدم وضع إعادة التدوير.
- إذا اضطررت إلى البقاء في سيارة متوقفة مع دوران المحرك، فتحكم في مفاتيح التحكم في التدفئة أو التبريد لإدخال الهواء من الخارج إلى السيارة. واضبط المروحة على سرعة عالية.

(تابع)

تركيب نظام تثبيت الأطفال المزود بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل:

1. ضع مقعد الطفل في موضع الجلوس الأوسط. بالنسبة لبعض مقاعد الصف الثاني، قد تحتاج إلى إمالة المقعد و/أو رفع مسند الرأس للحصول على وضعية أكثر مناسبة. إذا كان من الممكن تحريك المقعد الخلفي للأمام وللخلف في السيارة، فقد ترغب في تحريكه لأقصى وضع للخلف لترك مساحة لمقعد الطفل. وقد ترغب أيضًا في تحريك المقعد الأمامي للأمام لترك مساحة أكبر لمقعد الطفل.

2. اسحب سير حزام الأمان من آلية السحب لتمريره خلال مسار نظام تثبيت الأطفال. لا تقم بلف سير حزام الأمان في مسار الحزام.

3. أزح اللسان المعدني داخل الإبزيم حتى تسمع صوت طقطقة.

4. اسحب السير لإحكام شد جزء الحوض حول مقعد الطفل.

5. لقفل حزام الأمان، اسحب جزء حزام الكتف حتى تقوم بسحب سير حزام الأمان كله خارج آلية السحب. ثم، اترك سير الحزام ينضم مرة أخرى داخل آلية السحب. أثناء انسحاب سير الحزام، ستسمع صوت طقطقة. وهذا يعني أن حزام الأمان قد أصبح في وضع القفل الأوتوماتيكي.

6. جرب سحب سير الحزام خارج آلية السحب. إذا كانت مقفلة، فلن تكون قادرًا على سحب أي جزء من السير. إما إذا كانت آلية السحب غير مقفلة، فكرر الخطوة 5.

7. وأخيرًا، قم بسحب أي جزء زائد من الحزام لإحكام ربط جزء الحوض حول نظام تثبيت الأطفال أثناء دفع نظام تثبيت الطفل نحو الخلف وللأسفل في مقعد السيارة.

8. قم باختبار أنه تم تركيب نظام تثبيت الأطفال بشكل محكم عن طريق جذبه للخلف وللأمام بمقعد الطفل في مسار الحزام. حيث ينبغي ألا يتحرك لأكثر من 25 مم (1 بوصة) في أي اتجاه.

ترتخي جميع أنظمة أحزمة المقاعد بمرور الوقت ولذلك قم بفحص الحزام من فترة إلى أخرى وقم بشده إذا دعت الحاجة.

نقل الحيوانات الأليفة

يمكن أن تسبب الوسائد الهوائية المنتفخة في المقعد الأمامي أذى للحيوانات الأليفة. وقد يقذف الحيوان غير المقيد وقد يصاب بضرر أو يسبب الضرر للركاب أثناء التوقف المفاجئ أو في حالة وقوع تصادم.

لذلك يجب تثبيت الحيوانات في المقعد الخلفي بواسطة حزام أو مقعد خاص بالحيوانات يربط بحزام الأمان.

توصيات عن تليين المحرك الجديد

لا يحتاج المحرك ومجموعة الدفع والحركة (ناقل الحركة ومحور التوجيه) في سيارتك إلى فترة تليين طويلة.

انطلق بسرعة معتدلة خلال أول 500 كم (300 ميل). بعد أول 100 كم (60 ميلاً)، تصبح السرعات التي تصل إلى 80 أو 90 كم/الساعة (50 أو 55 ميلا/الساعة) مرغوبة.

وعند قيادة السيارة من المحبذ تعجيل السرعة بفتح صمام الاختناق قليلاً بالضغط على دواسة الوقود لفترة قصيرة مع التقيد بأنظمة السير المحلية. قد يكون التسارع بفتح صمام الاختناق إلى أقصى درجة في التروس المنخفضة ضارًا ويجب تجنبه.

تركيب أنظمة تثبيت الأطفال باستخدام حزام أمان السيارة

أحزمة الأمان في مواضع جلوس الراكب الخلفية مزودة بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل مصممة للمحافظة على إحكام جزء الكتف من حزام الأمان حول نظام تثبيت الأطفال. يمكن "تحويل" آلية سحب القفل الأوتوماتيكي (ALR) إلى وضع القفل عن طريق سحب سير الحزام بالكامل خارج آلية السحب، ثم تركه يعود مرة أخرى إلى داخل آلية السحب. إذا كانت مقفلة، فسوف تصدر آلية سحب القفل الأوتوماتيكي (ALR) صوت طقطقة عندما يتم سحب سير الحزام مرة أخرى داخل آلية السحب. للتعرف على مزيد من المعلومات حول آلية سحب القفل الأوتوماتيكي (ALR)، راجع وصف "وضع القفل الأوتوماتيكي" الوارد ضمن "أنظمة تثبيت الركاب."

كيفية تخزين حزام الأمان المزود بآلية سحب القفل الأوتوماتيكي (ALR) غير المستخدم:

عند استخدام نظام التثبيت LATCH لتركيب نظام تثبيت الأطفال، قم بتخزين أحزمة الأمان المزودة بآلية سحب القفل الأوتوماتيكي (ALR) بالكامل والتي لم يقم أحد الركاب باستخدامها أو يتم استخدامها لتأمين نظام تثبيت الأطفال. يمكن أن يتسبب الحزام غير المستخدم في إصابة الأطفال إذا قاموا باللعب به وتم قفل آلية سحب حزام الأمان دون قصد. قبل تركيب نظام تثبيت الأطفال باستخدام نظام LATCH، قم بربط إبزيم حزام الأمان خلف نظام تثبيت الأطفال وبعيدًا عن متناول الأطفال. إذا تداخل حزام المقعد المربوط مع تركيب نظام تثبيت الأطفال، فبدلاً من إدخال حزام الأمان خلف نظام تثبيت الأطفال، قم بتمرير حزام الأمان من خلال ممر حزام نظام تثبيت الأطفال ثم اربطه. لا تقم بقفل حزام الأمان. قم بتذكير جميع الأطفال المتواجدين في السيارة أن أحزمة الأمان ليست لعبة وأنهم يجب عليهم عدم اللعب بها.

تحذير!

- قد يؤدي سوء تركيب نظام تثبيت الطفل بنظام المثبتات السفلية وشريط التطويل للأطفال (LATCH) إلى عدم تثبيت نظام التثبيت بصورة صحيحة. وقد يصاب الطفل بإصابات جسيمة أو مميتة. اتبع تعليمات الجهة المصنعة لنظام تثبيت الأطفال بدقة عند تركيب نظام تثبيت الرضع أو الأطفال.
- لقد تم تصميم مثبتات نظام تثبيت الأطفال بحيث تتحمل الأحمال الخاصة بأنظمة تثبيت الأطفال المركبة بشكل صحيح فقط. ولا يجب تحت أي ظرف استخدامها مع أحزمة أو أجهزة الركاب البالغين أو لتثبيت عناصر أو معدات أخرى بالسيارة.

تركيب أنظمة تثبيت الأطفال باستخدام مثبتات أشرطة التطويل العلوية:

تحذير!

لا تصل شريط تطويل خاص بمقعد السيارة المتجه للخلف بأي موقع في المقعد الأمامي من السيارة، بما في ذلك إطار المقعد أو مثبت شريط التطويل. قم فقط بتوصيل شريط التطويل الخاص بمقعد السيارة المتجه للخلف بمثبت شريط التطويل المعتمد لموضع الجلوس هذا، والموجود خلف الجزء العلوي من مقعد السيارة. راجع قسم "نظام تثبيت الأطفال LATCH (المثبتات السفلية وأشرطة التطويل لنظام تثبيت للأطفال)" للتعرف على الموقع المعتمد لمثبتات شريط التطويل في سيارتك.

1. انظر خلف موضع الجلوس حيث تنوي تركيب نظام تثبيت الأطفال لتعثر على مثبت شريط التطويل. قد تحتاج إلى تحريك المقعد للأمام لتوفير الوصول بصورة أفضل إلى مثبت شريط التطويل. في حالة عدم وجود مثبت شريط تطويل علوي لموضع الجلوس هذا، انقل نظام تثبيت الأطفال إلى موضع آخر بالسيارة في حالة وجود موضع آخر متاحًا.

2. وجّه شريط التطويل لتقديم المسار المباشر جدًا للشريط بين المثبت ومقعد الطفل. إذا كانت السيارة مزودة بمساند رأس خلفية قابلة للضبط، فارفع مسند الرأس وقم بتمرير شريط التطويل تحته وبين القائمين إن أمكن ذلك. وإذا لم يكن ذلك ممكنًا، فاخفض مسند الرأس ثم لف شريط التطويل حول الجانب الخارجي من مسند الرأس.

3. أدخل خطاف شريط التطويل لنظام تثبيت الأطفال في مثبت شريط التطويل العلوي كما هو موضح بالرسم.

مواقع مثبتات شريط التطويل

4. تخلص من الارتخاء في شريط التطويل وفقًا لتعليمات الجهة المصنعة لنظام تثبيت الأطفال.

تحذير!

- شريط التطويل الذي لا يتم تثبيته بصورة صحيحة يمكن أن يزيد حركة رأس الطفل وإصابته. استخدم فقط الأوضاع المعينة لتثبيت مقعد الطفل الموجودة مباشرة خلف مقعد الطفل لتثبيت شريط التطويل العلوي.
- إذا كانت السيارة مزودة بمقعد خلفي مقسّم، فتأكد من عدم انزلاق شريط التطويل إلى الفتحة الموجودة بين ظهور المقاعد وقم بإزالة أي ارتخاء بالشريط.

(تابع)

تركيب نظام تثبيت الأطفال المزود بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل

1. ضع مقعد الطفل في موضع الجلوس الأوسط. بالنسبة لبعض مقاعد الصف الثاني، قد تحتاج إلى إمالة المقعد و/أو رفع مسند الرأس للحصول على وضعية أكثر مناسبة. إذا كان من الممكن تحريك المقعد الخلفي للأمام وللخلف في السيارة، فقد ترغب في تحريكه لأقصى وضع للخلف لترك مساحة لمقعد الطفل. وقد ترغب أيضًا في تحريك المقعد الأمامي للأمام لترك مساحة أكبر لمقعد الطفل.

2. اسحب سير حزام الأمان بصورة كافية من آلية السحب لتمريره خلال مسار حزام الأمان بنظام تثبيت الأطفال. لا تقم بلف سير حزام الأمان في مسار حزام الأمان.

3. أزح اللسان المعدني داخل الإبزيم حتى تسمع صوت "طقطقة".

4. اسحب السير لإحكام شد جزء الحوض حول مقعد الطفل.

5. لقفل حزام الأمان، اسحب جزء حزام الكتف من حزام الأمان حتى تقوم بسحب سير حزام الأمان كله خارج آلية السحب. ثم، اترك سير الحزام ينضم مرة أخرى داخل آلية السحب. أثناء انسحاب سير الحزام، ستسمع صوت طقطقة. وهذا يعني أن حزام الأمان قد أصبح في وضع القفل الأوتوماتيكي.

6. جرب سحب سير الحزام خارج آلية السحب. إذا كانت مقفلة، فلن تكون قادرًا على سحب أي جزء من السير. إما إذا كانت آلية السحب **غير** مقفلة، فكرر الخطوة 5.

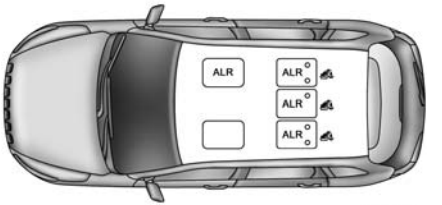
7. وأخيرًا، قم بسحب أي جزء زائد من الحزام لإحكام ربط جزء الحوض حول نظام تثبيت الأطفال أثناء دفع نظام تثبيت الطفل نحو الخلف وللأسفل في مقعد السيارة.

8. إذا كان نظام تثبيت الأطفال يحتوي على شريط تطويل علوي وموضع الجلوس يحتوي على مثبت شريط تطويل علوي، فقم بتوصيل شريط التطويل بالمثبت وأحكم ربط شريط التطويل. راجع قسم "تركيب أنظمة تثبيت الأطفال باستخدام مثبتات أشرطة التطويل العلوية" للتعرف على توجيهات تركيب مثبت شريط التطويل.

9. قم باختبار أنه تم تركيب نظام تثبيت الأطفال بشكل محكم عن طريق جذبه للخلف وللأمام بمقعد الطفل في مسار حزام الأمان. حيث ينبغي ألا يتحرك لأكثر من 1 بوصة (25.4 مم) في أي اتجاه.

ترتخي جميع أنظمة أحزمة الأمان بمرور الوقت ولذلك قم بفحص حزام الأمان من فترة إلى أخرى وقم بشده إذا دعت الحاجة.

أنظمة حزام الحوض/الكتف لتركيب أنظمة تثبيت الأطفال في هذه السيارة



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- ALR = آلية سحب القفل الأوتوماتيكي القابلة للتحويل
- رمز مثبت شريط التطويل العلوي

ما هو حد الوزن (وزن الطفل + وزن نظام تثبيت الأطفال) لاستخدام مثبت شريط التطويل مع حزام الأمان لتركيب نظام تثبيت الأطفال المتجه للأمام؟	حد الوزن لنظام تثبيت الأطفال	استخدم دومًا مثبت شريط التطويل عند استخدام حزام الأمان لتركيب نظام تثبيت الأطفال المتجه للأمام، حتى يصل إلى حد الوزن المُوصى به لنظام تثبيت الأطفال.
هل يمكن أن يتلامس نظام تثبيت الأطفال المتجه نحو الخلف مع ظهر مقعد الراكب الأمامي؟	نعم	يُسمح بالتلامس بين مقعد الراكب الأمامي ونظام تثبيت الأطفال، إذا كانت الجهة المصنعة لنظام تثبيت الأطفال تسمح بمثل هذا التلامس.
هل يمكن إزالة مساند الرأس؟	نعم	يمكن إزالة مساند الرأس في كل موضع جلوس خلفي.
هل يمكن لف عمود الإبزيم لإحكام حزام الأمان في مقابلة مسار الحزام لنظام تثبيت الأطفال؟	لا	لا تقم بلف عمود الإبزيم في موضع الجلوس مع استخدام آلية سحب القفل الأوتوماتيكي (ALR).

لتركيب نظام تثبيت الأطفال المتوافق مع نظام LATCH

إذا كان موضع الجلوس المحدد به حزام أمان مزود بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل، فخزن حزام الأمان واتبع الإرشادات الموضحة أدناه. راجع قسم "تركيب أنظمة تثبيت الأطفال باستخدام حزام أمان السيارة" لمعرفة ما هو نوع حزام الأمان الخاص بكل موضع من مواضع الجلوس.

1. قم بإرخاء وصلة ضبط مقعد الطفل الموجودة على الأشرطة السفلية وعلى شريط التطويل كي تسهّل ربط الخطافات أو الموصلات بمثبتات السيارة.

2. ضع مقعد الطفل بين المثبتات السفلية لموضع الجلوس هذا. بالنسبة لبعض مقاعد الصف الثاني، قد تحتاج إلى إمالة المقعد و/أو رفع مسند الرأس للحصول على وضعية أكثر مناسبة. إذا كان من الممكن تحريك المقعد الخلفي للأمام وللخلف في السيارة، فقد ترغب في تحريكه لأقصى وضع للخلف لترك مساحة لمقعد الطفل. وقد ترغب أيضًا في تحريك المقعد الأمامي للأمام لترك مساحة أكبر لمقعد الطفل.

3. قم بربط الخطافات السفلية أو الموصلات لنظام تثبيت الأطفال بالمثبتات السفلية في موضع الجلوس المحدد.

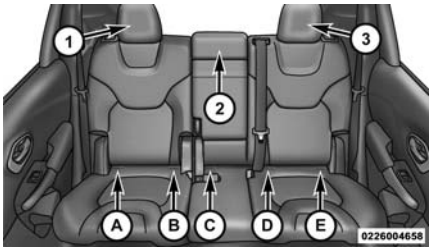
4. إذا كان نظام تثبيت الأطفال يحتوي على شريط تطويل، فقم بتوصيل شريط التطويل العلوي بالمثبت. راجع قسم "تركيب أنظمة تثبيت الأطفال باستخدام مثبتات أشرطة التطويل العلوية" للتعرف على توجيهات تركيب مثبت شريط التطويل.

5. قم بشد هذه الأشرطة كلها أثناء دفع نظام تثبيت الطفل نحو الخلف وللأسفل في المقعد. تخلص من الارتخاء في الأشرطة وفقًا لتعليمات الجهة المصنعة لنظام تثبيت الأطفال.

6. قم باختبار أنه تم تركيب نظام تثبيت الأطفال بشكل محكم عن طريق جذبه للخلف وللأمام بمقعد الطفل في مسار الحزام. حيث ينبغي ألا يتحرك لأكثر من 1 بوصة (25.4 مم) في أي اتجاه.

تركيب أنظمة تثبيت الأطفال باستخدام حزام أمان السيارة

أحزمة الأمان في مواضع جلوس الراكب الخلفية مزودة بآلية سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل مصممة للمحافظة على إحكام جزء الكتف من حزام الأمان حول نظام تثبيت الأطفال. يمكن "تحويل" آلية سحب القفل الأوتوماتيكي (ALR) إلى وضع القفل عن طريق سحب سير الحزام بالكامل خارج آلية السحب، ثم تركه يعود مرة أخرى إلى داخل آلية السحب. إذا كانت مقفلة، فسوف تصدر آلية سحب القفل الأوتوماتيكي (ALR) صوت طقطقة عندما يتم سحب سير الحزام مرة أخرى داخل آلية السحب. للتعرف على مزيد من المعلومات حول آلية سحب القفل الأوتوماتيكي (ALR)، راجع وصف "وضع القفل الأوتوماتيكي" الوارد ضمن "أنظمة تثبيت الركاب."



خيارات تثبيت مقاعد الأطفال باستخدام مثبتات نظام LATCH في هذه السيارة:

1. مواضع الجلوس الخارجية اليمنى واليسرى (1 و3): قم بتركيب مقاعد الأطفال في مواضع الجلوس الخارجية اليمنى واليسرى باستخدام المثبتات سفلية (A) و(B) و(D) و(E). لا تستخدم مثبت المقعد الأوسط (C). إذا كانت مقاعد الأطفال تعيق سير حزام المقعد الأوسط أو الإبزيم، فيمكن استخدام حزام الأمان الأوسط في تثبيت الركاب أو نظام تثبيت الأطفال في موضع الجلوس الأوسط.

2. مواضع الجلوس الخارجية والوسطى اليمنى (1 و2): قم بتركيب مقعد الطفل الأول في موضع الجلوس الخارجي الأيمن باستخدام المثبتات سفلية (A) و(B). قم بتركيب مقعد الطفل الثاني باستخدام المثبتات الوسطى (C) و(D). لا تستخدم المثبت الخارجي القريب من الباب المقابل (E). لا تستخدم موضع الجلوس الخارجي الأيسر المتبقي (3) لأي راكب. سوف يعيق نظام تثبيت الأطفال الأوسط إبزيم حزام الأمان في هذا الموضع.

تحذير!

- استخدم المثبتات D و C لتثبيت نظام تثبيت الأطفال المتوافق مع نظام LATCH في موضع الجلوس الأوسط (2). لا تثبت نظام تثبيت الأطفال المتوافق مع نظام LATCH باستخدام المثبتات C و B. هذا الوضع لا يتوافق مع نظام LATCH في سيارتك.
- سيحجب نظام تثبيت الأطفال المثبت في الموضع الأوسط (2) ربط حزام الأمان للمقعد الخارجي الأيسر الفارغ خلف مقعد السائق (3). لا تستخدم هذا المقعد لراكب آخر.

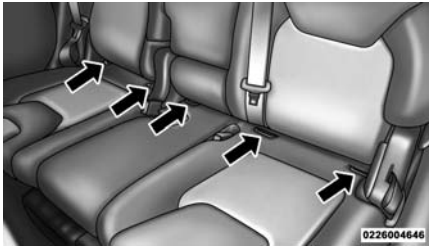
(تابع)

تحذير! (تابع)

- لا تستخدم نفس المثبت السفلي لتثبيت أكثر من نظام تثبيت أطفال واحد.
- إذا كنت تثبت ثلاثة أنظمة تثبيت للأطفال بجوار بعضها البعض، فيجب أن تستخدم حزام الأمان ومثبت شريط التطويل الأوسط للموضع الأوسط. يتوجب عليك استخدام مثبتات LATCH لتركيب مقعد الطفل في الموضع (3) خلف السائق. يمكنك استخدام إما مثبتات LATCH أو حزام مقعد السيارة لتثبيت الطفل في الموضع (1)، خلف الراكب الأمامي. يُرجى مراجعة "تركيب نظام تثبيت الأطفال المتوافق مع نظام LATCH" للتعرف على إرشادات التركيب النموذجية.

تحديد مثبتات نظام LATCH

المثبتات السفلية هي عبارة عن قضبان دائرية توجد في الجزء الخلفي من وسادة المقعد حيث تلتقي الوسادة بظهر المقعد. وتكون مرئية فقط عندما تميل على المقعد الخلفي لتركيب نظام تثبيت الأطفال. وسوف تشعر بها بسهولة عند تحريك إصبعك بطول الفجوة بين سطحي ظهر المقعد ووسادته.



مثبتات نظام LATCH "المثبتات السفلية وأشرطة التطويل للأطفال" للمقعد الخلفي

تحديد موقع مثبتات شريط التطويل

هناك مثبتات أشرطة تطويل خلف كل موضع جلوس خلفي موجود في ظهر المقعد.

مواقع مثبتات شريط التطويل

ستكون أنظمة تثبيت الأطفال المتوافقة مع نظام LATCH مزودة بقضيب صلب أو شريط مرن في كل جانب. كل منهما يحتوي على خطاف أو موصل لتركيب المثبت السفلي وليكون طريقة لإحكام التوصيل بالمثبت. وستكون أيضًا أنظمة تثبيت الأطفال المتجهة للأمام وبعض أنظمة تثبيت الأطفال المتجهة للخلف مزودة بشريط تطويل. سيحتوي شريط التطويل على خطاف في طرفه ليتم تركيبه بمثبت شريط التطويل العلوي وليكون طريقة لإحكام ربط الشريط بعد تركيبه بالمثبت.

نظام LATCH للمقعد الأوسط

تحتوي هذه السيارة على 5 من مثبتات نظام LATCH السفلية في المقعد الخلفي. يتم استخدام مثبتات A وB للموضع الخارجي الأيمن خلف مقعد الراكب الأمامي (1). يتم استخدام مثبتات D وE للموضع الخارجي الأيسر خلف مقعد السائق (3). يتم استخدام مثبتات (C) و(D) لموضع الجلوس الأوسط (2). **لا تقم** بتركيب نظام تثبيت الأطفال المتوافق مع نظام LATCH باستخدام المثبتات C وB. هذا الوضع لا يتوافق مع وضع LATCH في سيارتك

يمكنك تركيب ما يصل إلى اثنين من مقاعد الأطفال باستخدام نظام LATCH في نفس الوقت. إذا كنت تستطيع تركيب ثلاثة من أنظمة تثبيت الأطفال في السيارة، فيجب استخدام حزام الأمان لتركيب نظام تثبيت الأطفال الأوسط ويتوجب عليك استخدام مثبتات LATCH في الموضع (3) خلف السائق. يمكنك استخدام إما مثبتات LATCH أو حزام مقعد السيارة لتثبيت مقعد الطفل الثالث في الموضع (1)، خلف الراكب الأمامي.

ما هو حد الوزن (وزن الطفل + وزن نظام تثبيت الأطفال) لاستخدام نظام مثبتات LATCH لتركيب نظام تثبيت الأطفال؟	65 رطل (29.5 كجم)	استخدم نظام مثبتات LATCH عندما يكون مجموع وزن الطفل ونظام تثبيت الأطفال 65 رطل (29.5 كجم). استخدم حزام الأمان ومثبت شريط التطويل بدلاً من مثبتات نظام LATCH بمجرد أن يكون مجموع الوزن أكثر من 65 رطل (29.5 كجم).
هل يمكن استخدام مثبتات LATCH وحزام الأمان معًا لتركيب نظام تثبيت الأطفال المتجه نحو الخلف أو المتجه نحو الأمام؟	لا	لا تقم باستخدام حزام الأمان عند استخدام نظام مثبتات LATCH لتركيب نظام تثبيت الأطفال المتجه نحو الخلف أو المتجه نحو الأمام.
هل يمكن تركيب نظامين من أنظمة تثبيت الأطفال باستخدام مثبت LATCH السفلي المشترك؟	لا	لا تقم مطلقًا "بمشاركة" استخدام مثبت LATCH لاثنين أو أكثر من أنظمة تثبيت الأطفال. إذا لم يحتوي الموضع الأوسط على مثبتات LATCH السفلية المخصصة، فاستخدم حزام الأمان لتثبيت مقعد الطفل في الموضع الأوسط بجوار مقعد الطفل باستخدام مثبتات LATCH في الموضع الخارجي.
هل يمكن أن يتلامس نظام تثبيت الأطفال المتجه نحو الخلف مع ظهر مقعد الراكب الأمامي؟	نعم	قد يتلامس مقعد الطفل مع ظهر مقعد الراكب الأمامي إذا كانت الجهة المصنعة لنظام تثبيت الأطفال تسمح بمثل هذا التلامس. راجع دليل مالك نظام تثبيت الأطفال للتعرف على مزيد من المعلومات.
هل يمكن إزالة مساند الرأس؟	نعم	يمكن إزالة مساند الرأس في كل موضع جلوس خلفي.

نظام تثبيت الأطفال LATCH (المثبتات السفلية وأشرطة التطويل لنظام تثبيت للأطفال)

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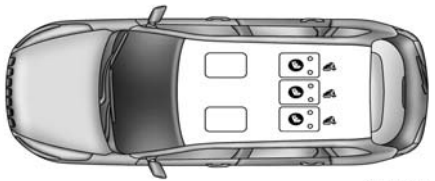
إن سيارتك مزودة بنظام المثبتات السفلية وأشرطة التطويل لنظام تثبيت الأطفال يدعى LATCH. يضم نظام LATCH ثلاث نقاط تثبيت بالسيارة من أجل تركيب مقاعد الأطفال المزودة بنظام LATCH. يوجد مثبتان سفليان في ظهر وسادة المقعد حيث تلتقي الوسادة بظهر المقعد ويوجد مثبت شريط التطويل العلوي خلف موضع الجلوس. تستخدم هذه المثبتات لتركيب مقاعد الأطفال المزودة بنظام LATCH دون استخدام أحزمة أمان السيارة. قد تحتوي بعض مواضع الجلوس على مثبت شريط تطويل علوي ولا تحتوي على مثبتات سفلية. في مثل مواضع الجلوس تلك، يجب استخدام حزام الأمان مع مثبت شريط التطويل لتركيب نظام تثبيت الأطفال. يُرجى مراجعة الجدول التالي للتعرف على مزيد من المعلومات.

مواضع نظام LATCH لتركيب أنظمة تثبيت الأطفال في هذه السيارة



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- مثبتات رمز المثبتات السفلية 2 لكل موضع جلوس
- رمز مثبت شريط التطويل العلوي

توصيات لتركيب أنظمة تثبيت الأطفال

نوع نظام التثبيت	الوزن المشترك للطفل + نظام تثبيت الأطفال	استخدم أي طريقة تركيب موضحة بعلامة "X" أدناه			
		نظام LATCH - المثبتات السفلية فقط	حزام الأمان فقط	نظام LATCH - المثبتات السفلية + مثبت شريط التطويل العلوي	حزام الأمان + مثبت شريط التطويل العلوي
نظام تثبيت الأطفال المتجه للخلف	حتى 65 رطلاً (29.5 كجم)	X	X		
نظام تثبيت الأطفال المتجه للخلف	أكثر من 65 رطلاً (29.5 كجم)		X		
نظام تثبيت الأطفال المتجه للأمام	حتى 65 رطلاً (29.5 كجم)			X	X
نظام تثبيت الأطفال المتجه للأمام	أكثر من 65 رطلاً (29.5 كجم)				X

تحذير! (تابع)

- بعد تركيب نظام تثبيت الأطفال في السيارة، لا تقم بتحريك مقعد السيارة للأمام أو الخلف نظرًا لأنه يمكن أن يرتخي تركيب ملحقات نظام تثبيت الأطفال. قم بإزالة نظام تثبيت الأطفال قبل ضبط موضع مقعد السيارة. وبعد ضبط موضع مقعد السيارة، أعد تثبيت نظام تثبيت الأطفال.
- عند عدم استخدام نظام تثبيت الأطفال، فاربطه بطريقة مأمونة بحزام الأمان أو نظام LATCH أو أخرجه من السيارة. ولا تتركه حرًا داخل السيارة. ففي حالات توقف السيارة المفاجئ أو وقوع حادث، قد يرتطم بالركاب أو ظهور المقاعد مسببًا إصابات شخصية خطيرة.

الصغار الذين يزيد حجمهم عن مقاعد الرفع

إن الأطفال الذين يسمح لهم حجمهم بربط حزام الكتف بصورة مريحة والذين تكون سيقانهم طويلة بما فيه الكفاية لأن تنطوي حول مقدمة المقعد عندما يكون ظهرهم منتصبًا وملامسًا لظهر المقعد يجب عليهم استخدام حزام الأمان الموجود في المقعد الخلفي. استخدم اختبار الخطوة 5 البسيط لتقرر ما إذا كان الطفل قادرًا على استخدام حزام أمان السيارة بمفرده:

1. هل يمكن للطفل الجلوس بالكامل مع وضع ظهره منتصبًا على ظهر مقعد السيارة؟
2. هل تنثني ركبة الطفل بصورة مريحة حول مقدمة مقعد السيارة - أثناء جلوسه بالكامل منتصب الظهر؟
3. هل يمر حزام الكتف خلال كتف الطفل بين الرقبة والذراع؟
4. هل جزء الحوض من حزام الأمان منخفض بقدر الإمكان مما يجعله يلامس فخذي الطفل وليس معدته؟
5. هل يمكن أن يظل الطفل جالس على هذه الصورة حتى نهاية الرحلة؟

إذا كانت الإجابة على أي من هذه الأسئلة هو "لا"، فهذا يعني أن الطفل لا يزال بحاجة إلى استخدام مقعد الرفع بهذه السيارة. إذا كان الطفل يستخدم حزام الكتف/الحوض، فافحص مدى إحكام ربط حزام الأمان بشكل دوري وتأكد من ربط حزام أمان المقعد. حيث قد يؤدي جلوس الطفل مترهلاً أو متلويًا إلى إزاحة حزام الأمان من مكانه. إذا لامس حزام الكتف وجه الطفل أو رقبته، فحرك الطفل قليلاً إلى وسط السيارة أو استخدم مقعد معزز لوضع حزام أمان المقعد على الطفل بشكل صحيح.

تحذير!

ولا تسمح للطفل أبدًا بوضع حزام الكتف خلف ظهره أو تحت ذراعه. في حالة التصادم، لن يحمي حزام الكتف الطفل بالكامل، مما قد ينتج عنه إصابة خطيرة أو الوفاة. يجب أن يرتدي الطفل دائمًا جزئي حزام الحوض والكتف من حزام أمان المقعد بشكل صحيح.

أنظمة تثبيت الرضع والأطفال

يُوصي الخبراء بشؤون توفير السلامة بوضع الأطفال في مقعد الأمان المتجه نحو الخلف حتى تصل أعمارهم عامين أو حتى يصلوا إلى حد الطول أو الوزن الخاص بأنظمة تثبيت الأطفال المتجهة للخلف. ويمكن استخدام نوعين من أنظمة التثبيت للأطفال المتجهة للخلف وهما: حاملات الأطفال الرضع ومقاعد الأطفال القابلة للتحويل.

يمكن استخدام حامل الأطفال فقط بحيث يتجه نحو الخلف في السيارة. يُوصى باستخدامه للأطفال حديثي الولادة حتى يصلوا إلى حد الطول أو الوزن المناسب لحامل الأطفال. ويمكن استخدام مقاعد الأطفال القابلة للتحويل المتجهة نحو الأمام أو نحو الخلف في السيارة. غالبًا ما تزيد حدود الأوزان بالنسبة لمقاعد الأطفال القابلة للتحويل عند استخدامها متجهة للخلف عن حدود حاملات الأطفال، ولذا يمكن استخدامها نحو الخلف للأطفال ممن لم يعد حامل الأطفال مناسبًا لهم ولكنهم ما زالوا أقل من عامين. حيث ينبغي أن يظل الأطفال في المقاعد المتجهة للخلف حتى يصلوا إلى أعلى وزن أو طول مسموح به في مقعد الأطفال القابل للتحويل.

تحذير!

- لا تضع نظام تثبيت الأطفال المتجه إلى الخلف أمام وسادة هوائية مطلقًا. حيث قد تتسبب الوسادة الهوائية الأمامية المتقدمة المنتفخة للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه إلى الخلف، أو إصابته بإصابة خطيرة.
- استخدم نظام تثبيت الأطفال المتجه للخلف في السيارات ذات المقعد الخلفي فقط.

أنظمة تثبيت الأطفال الكبار والأطفال

يمكن للأطفال ممن تجاوزا العامين أو ممن أصبح مقعد الطفل القابل للتحويل غير مناسب لهم أن يستخدموا المقاعد المتجهة للخلف في السيارة. مقاعد الأطفال المتجهة نحو الأمام ومقاعد الأطفال القابلة للتحويل المستعملة نحو الأمام مخصصة للأطفال ممن تجاوزا العامين أو من تجاوزا حد الطول أو الوزن الخاص بمقعد الطفل القابل للتحويل المتجه للخلف. ينبغي أن يظل الأطفال في المقعد المتجه للأمام باستخدام مجموعة الأسلاك لأطول فترة ممكنة حتى يصلوا إلى أعلى وزن أو طول مسموح به لمقعد الأطفال.

ينبغي استخدام مقعد رفع مزود بإمكانية تغيير وضع الحزام لجميع الأطفال الذين تجاوزت أوزانهم أو أطوالهم حد مقعد الطفل المتجه للخلف حتى تصبح أحزمة أمان السيارة محكمة وملائمة للارتداء. إذا لم يكن في مقدور الطفل أن يجلس مع ثني الركبة على وسادة مقعد السيارة وظهره مقابلاً لظهر المقعد، فإنه يجب استخدام مقعد رفع مزود بإمكانية تغيير وضع الحزام. ويتم تثبيت الطفل ومقعد الرفع المزود بإمكانية تغيير وضع الحزام بواسطة حزام الأمان.

تحذير!

- سوء التركيب يمكن أن يؤدي إلى عدم أداء نظام تثبيت الرضيع أو الطفل وظيفته بصورة صحيحة. ومن الممكن أن ينفصل من مكانه عند وقوع تصادم. وقد يصاب الطفل بإصابات جسيمة أو مميتة. اتبع تعليمات الجهة المصنعة لنظام تثبيت الأطفال بدقة عند تركيب نظام تثبيت الرضع أو الأطفال.

(تابع)

هناك أحجام وأنواع مختلفة من أنظمة ربط أحزمة الأطفال بدءًا من المولودين حديثًا وحتى الأطفال الأكبر حجمًا والذين قد يكونوا بحجم يسمح لهم باستخدام حزام أمان الكبار. راجع دائمًا دليل مالك مقعد الطفل للتأكد من أن لديك النوع الصحيح من المقاعد لطفلك. يُرجى قراءة جميع الإرشادات والتحذيرات الواردة في دليل مالك نظام تثبيت الأطفال والموجودة في جميع الملصقات المثبتة بنظام تثبيت الأطفال واتباعها.

قبل شراء أي نظام تثبيت تأكد من احتوائه على ملصق يؤكد مطابقته لجميع معايير السلامة الجاري العمل بها. ينبغي أيضًا التأكد من إمكانية تركيبه في السيارة التي ستستخدمه فيها.

ملخص للتوصيات الخاصة بتركيب أنظمة تثبيت الأطفال في السيارات

	حجم الطفل أو طوله أو وزنه أو عمره	**النوع المُوصى به من أنظمة تثبيت الأطفال**
الأطفال والرضع	الأطفال ممن يبلغون عامين أو أقل وممن لم يبلغوا حدود الطول أو الوزن الخاصة بنظام تثبيت الأطفال الخاص بهم	إما حامل الأطفال أو نظام تثبيت الأطفال القابل للتحويل المتجه للخلف في المقعد الخلفي بالسيارة
الأطفال الصغار	الأطفال ممن بلغوا العامين أو ممكن زاد طولهم أو وزنهم عن الحد الخاص بنظام تثبيت الأطفال المتجه للخلف	نظام تثبيت الأطفال المتجه للأمام مع مجموعة خماسية النقاط، المتجه للأمام في المقعد الخلفي بالسيارة
الأطفال الأكبر	الأطفال ممن كبروا على نظام تثبيت الأطفال المتجه للأمام ولكنهم لا يزالوا صغار للغاية ليناسبهم حزام الأمان بالسيارة	مقعد الرفع المزود بإمكانية تغيير وضع الحزام وحزام الأمان بالسيارة، ويجلسوا في المقعد الخلفي بالسيارة
الأطفال الكبار على أنظمة تثبيت الأطفال	الأطفال ممن تبلغ أعمارهم 12 عامًا أو الأصغر، الذين كبروا على حد الطول أو الوزن لمقعد الرفع	حزام الأمان بالسيارة مع الجلوس في المقعد الخلفي للسيارة

جهاز تسجيل بيانات الحوادث (EDR)

هذه السيارة مزودة بجهاز تسجيل بيانات الحوادث (EDR). الهدف الرئيسي من جهاز تسجيل بيانات الحوادث (EDR) في حالات وقوع التصادم والمواقف المشابهة هو تسجيل حالة انتفاخ الوسائد الهوائية أو الاصطدام بعائق في الطريق؛ وسوف تساعد هذه البيانات في فهم كيفية عمل أنظمة السيارة. تم تصميم جهاز تسجيل بيانات الحوادث (EDR) لتسجيل البيانات المتعلقة بالأنظمة الديناميكية وأنظمة السلامة بالسيارة لفترة قصيرة من الوقت، وهي بشكل نموذجي 30 ثانية أو أقل. تم تصميم جهاز تسجيل بيانات الحوادث (EDR) بهذه السيارة لتسجيل بيانات مثل:

- كيفية عمل العديد من الأنظمة في السيارة.
- إذا كان السائق والركاب قد قاموا بتثبيت/إغلاق أحزمة المقاعد أم لا.
- مقدار ضغط السائق (إذا كان قد ضغط) على دواسة الوقود و/أو الفرامل.
- معدل سرعة السيارة.

يمكن أن تساعد هذه البيانات على توفير فهم أفضل للظروف التي وقعت فيها حوادث التصادم والإصابات.

ملاحظة: لا تقوم السيارة بتسجيل بيانات جهاز تسجيل بيانات الحوادث (EDR) إلا في حالة حدوث تصادم كبير؛ ولا يتم تسجيل أي بيانات في جهاز تسجيل بيانات الحوادث (EDR) في ظروف القيادة العادية ولا يتم تسجيل بيانات شخصية (مثل الاسم والنوع والعمر وموقع التصادم). إلا أنه بإمكان الأطراف، مثل من لهم سلطة قانونية ضم بيانات جهاز تسجيل بيانات الحوادث (EDR) مع نوع من بيانات التعريف الشخصية المطلوبة بشكل روتيني أثناء التحقيق في الحادث.

يلزم وجود جهاز معين لقراءة البيانات التي قام جهاز تسجيل بيانات الحوادث (EDR) بتسجيلها، كما يلزم الوصول إلى السيارة وإلى جهاز تسجيل بيانات الحوادث (EDR). بالإضافة إلى الجهة المصنعة للسيارة، فإن أطراف آخرين مثل الجهات التي لها السلطة القانونية والتي لديها مثل هذا الجهاز، بإمكانها قراءة المعلومات إذا كان بإمكانهم الوصول للسيارة أو جهاز تسجيل بيانات الحوادث (EDR).

أنظمة تثبيت الأطفال

يجب على جميع الركاب المتواجدين في السيارة ربط الأحزمة في كل الأوقات، ويشمل ذلك الرضع والأطفال.

يجب ربط الأطفال ممن تبلغ أعمارهم 12 عامًا أو الأكبر بأحزمة الأمان في مقعد خلفي، إذا توافر ذلك. وتشير إحصائيات التصادمات إلى أن ربط الأطفال في المقاعد الخلفية بشكل صحيح أكثر أمانًا من ربطهم في المقاعد الأمامية.

تحذير!

في حالة التصادم، يمكن أن يصبح الطفل غير المثبت قذيفة داخل السيارة. وتصبح القوة المطلوبة لإبقاء الرضيع في حضنك كبيرة جدًا بحيث إنك تعجز عن المسك به مهما بلغت قوتك. ومن الممكن أن يصاب الطفل والآخرون في السيارة بجروح خطيرة. لذا يجب أن يتم تثبيت كل طفل في سيارتك بطريقة تتناسب مع حجمه.

تحذير!

إن تجاهل ضوء تحذير الوسادة الهوائية المعروض في لوحة أجهزة القياس قد يعني أنك لن تحصل على الحماية المطلوبة من الوسائد الهوائية في حالة وقوع تصادم. فإذا لم يظهر الضوء كفحص للمصباح عند أول تشغيل للإشعال، أو إذا استمر في الظهور بعد تشغيل السيارة أو إذا ظهر خلال قيادة السيارة، فيجب فحص نظام الوسائد الهوائية فورًا عند وكيل معتمد.

ضوء تحذيري متكرر ثانوي بشأن الوسادة الهوائية

في حالة اكتشاف عطل في ضوء تحذير الوسادة الهوائية، الذي يمكن أن يؤثر على نظام التثبيت الإضافي (SRS)، يضئ ضوء تحذيري متكرر على لوحة أجهزة القياس.

سيظل الضوء التحذيري المتكرر قيد التشغيل حتى تتم إزالة العطل. بالإضافة إلى ذلك، يصدر تنبيهًا صوتيًا لتنبيهك بوجود ضوء تحذير متكرر وباكتشاف وجود عطل. إذا كان الضوء التحذيري المتكرر يضيء بشكل متقطع أو يظل مضاءً أثناء القيادة، فاطلب من الوكيل المعتمد صيانة السيارة على الفور.

للحصول على معلومات إضافية حول الضوء التحذيري المتكرر، راجع قسم "أجهزة القياس" من هذا الدليل.

صيانة نظام الوسائد الهوائية

تحذير!

- قد تؤدي أية تعديلات لأي جزء من نظام الوسائد الهوائية إلى تعطيله عند الحاجة إليه. وقد تتعرض للإصابة نتيجة لعدم وجود نظام وسادة هوائية لحمايتك. لا تقم بإدخال أية تعديلات على المكونات أو الأسلاك الكهربية، بما في ذلك إضافة أية ملصقات على غطاء كسوة محور عجلة القيادة أو الجانب الأيمن العلوي من لوحة أجهزة القياس. لا تقم بتعديل المصد الأمامي أو هيكل جسم السيارة أو تقم بإضافة مداسات جانبية أو دواسات أبواب بديلة.

(تابع)

تحذير! (تابع)

- من الخطر محاولة إصلاح أي جزء من نظام الوسائد الهوائية بنفسك. تأكد من إخبار أي شخص يعمل في سيارتك بأن بها نظام وسائد هوائية.
- لا تحاول تعديل أي جزء من نظام الوسائد الهوائية. فقد تنتفخ الوسادة الهوائية دون قصد أو قد لا تعمل بشكل صحيح في حالة إجراء تعديلات عليها. وتوجه بسيارتك إلى وكيل معتمد لإجراء أي عمليات صيانة مطلوبة لنظام الوسائد الهوائية. إذا احتاج المقعد إلى الصيانة بأي شكل من الأشكال بما في ذلك غطاء الكسوة ووسادة المقعد (ويشمل ذلك إزالة أو فك/إحكام ربط مسامير تثبيت المقعد)، فتوجه بالسيارة إلى الوكيل المعتمد. يمكن استخدام ملحقات المقاعد المعتمدة من الجهة المصنعة فقط. إذا لزم الأمر تعديل نظام وسادة هوائية للأشخاص المعاقين، فاتصل بالوكيل المعتمد.

إجراء إعادة ضبط النظام

من أجل إعادة ضبط وظائف نظام الاستجابة للحوادث المحسن بعد وقوع حادث، يجب أن يتم تغيير مفتاح التشغيل من وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق) إلى وضع (OFF) إيقاف التشغيل.

ضوء تحذيري بشأن الوسادة الهوائية

يجب أن تكون الوسائد الهوائية جاهزة للانتفاخ من أجل حمايتك عند وقوع تصادم. تقوم وحدة التحكم في تثبيت الركاب (ORC) بمراقبة الدوائر الداخلية ومجموعة الأسلاك الواصلة المرتبطة بالمكونات الإلكترونية لنظام الوسادة الهوائية.

كما تراقب وحدة التحكم في تثبيت الركاب (ORC) جاهزية الأجزاء الإلكترونية لنظام الوسائد الهوائية متى كان مفتاح التشغيل في وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق). أما إذا كان مفتاح التشغيل في وضع OFF (إيقاف التشغيل) أو وضع ACC (الملحقات)، فلن يعمل نظام الوسائد الهوائية ولن تنتفخ الوسائد الهوائية.

تحتوي وحدة التحكم في تثبيت الركاب (ORC) على نظام تزويد طاقة احتياطي قد يعمل على نفخ الوسائد الهوائية حتى إذا فقدت البطارية الطاقة أو تم فصلها قبل الانتفاخ.

تقوم وحدة التحكم في تثبيت الركاب (ORC) بإضاءة ضوء تحذير الوسادة الهوائية في لوحة أجهزة القياس لعدد من الثواني يتراوح ما بين أربع إلى ثمان ثوان كنوع من الفحص الذاتي عند إدارة مفتاح التشغيل إلى وضع ON/RUN (التشغيل/الانطلاق) لأول مرة. بعد الفحص الذاتي، ينطفئ "ضوء تحذير الوسادة الهوائية". وإذا اكتشفت وحدة التحكم في تثبيت الركاب (ORC) عطلاً في أي جزء من النظام، فإنها تعمل على تشغيل ضوء تحذير الوسادة الهوائية لفترة قصيرة أو بشكل مستمر. سيصدر صوت تنبيه واحد لتنبيهك إذا أضاء المصباح مرة أخرى بعد التشغيل الأولي.

تحتوي وحدة التحكم في تثبيت الركاب (ORC) أيضًا على نظام تشخيصي يضيء مصباح تحذير الوسادة الهوائية في لوحة أجهزة القياس في حالة اكتشاف خلل قد يؤثر على نظام الوسائد الهوائية. ويقوم النظام التشخيصي أيضًا بتسجيل طبيعة الخلل. لقد تم تصميم نظام الوسائد الهوائية بطريقة تغنيه عن الحاجة إلى الصيانة، إلا إنه عند حدوث أي من الحالات التالية، اطلب من الوكيل المعتمد صيانة نظام الوسائد الهوائية فورًا.

- عدم إضاءة ضوء تحذير الوسادة الهوائية لمدة تتراوح ما بين 4 و8 ثوان عند ضبط مفتاح التشغيل على وضع ON/RUN (التشغيل/الانطلاق) لأول مرة.
- استمرار إضاءة ضوء تحذير الوسادة الهوائية بعد مرور فترة تتراوح ما بين 4 و8 ثوان.
- يضيء ضوء تحذير الوسادة الهوائية بصورة متقطعة أو يظل مضاءً أثناء قيادة السيارة.

ملاحظة: إذا كان عداد المسافة أو التاكوميتر أو أي أجهزة قياس خاصة بالمحرك لا تعمل، فقد يتم تعطيل وحدة التحكم في تثبيت الركاب (ORC). في هذه الحالة، قد لا تكون الوسائد الهوائية جاهزة للانتفاخ لحمايتك. اطلب من الوكيل المعتمد صيانة نظام الوسائد الهوائية فورًا.

- عندما يزول انتفاخ الوسادة الهوائية قد ترى جزيئات أشبه بالدخان. تعتبر هذه الجزيئات أمرًا طبيعيًا يتشكل أثناء عملية توليد الغاز غير السام الذي يستخدم لنفخ الوسادة الهوائية. وقد تسبب هذه الجزيئات التي يحملها الهواء حساسية للجلد أو العينين أو الأنف أو الحنجرة. وإذا أصبت بحساسية في جلدك أو في العينين، فاغسلها بالماء البارد. وإذا أصبت بحساسية الأنف أو الحنجرة، فعليك باستنشاق الهواء الطلق. وفي حالة استمرار الحساسية عليك أن تراجع الطبيب. إذا علقت هذه الجزيئات على ملابسك، فاغسلها حسب إرشادات الجهة المصنعة.

لا تقم بقيادة السيارة بعد انتفاخ الوسائد الهوائية. لأنه إذا وقع تصادم آخر لك، فلن تكون الوسائد الهوائية بمكانها لتسمح بمساعدتك.

تحذير!

الوسائد الهوائية التي انتفخت مسبقًا وآليات شد أحزمة الأمان لا توفر الحماية في حالة وقوع تصادم آخر. استبدل الوسائد الهوائية وآليات شد أحزمة الأمان ومجموعات آليات سحب أحزمة الأمان بواسطة وكيل معتمد في أسرع وقت ممكن. قم أيضًا بصيانة نظام وحدة التحكم في تثبيت الركاب.

ملاحظة:

- **قد لا تكون أغطية الوسائد الهوائية واضحة في الكسوة الداخلية، لكنها سوف تنفتح أثناء انتفاخ الوسائد الهوائية.**
- **بعد وقوع أي تصادم، يجب اصطحاب السيارة على الفور إلى الوكيل المعتمد.**

نظام الاستجابة للحوادث المحسن

في حالة الصدمات، إذا لم يحدث تلف في شبكة الاتصالات والطاقة، فستقوم وحدة التحكم في تثبيت الركاب (ORC)، حسب طبيعة الحادث، بتحديد ما إذا كان ينبغي أن يقوم نظام الاستجابة للحوادث المحسن بالوظائف التالية:

- قطع الوقود عن المحرك.
- وميض أضواء الخطر طالما توجد طاقة في البطارية أو حتى يتم تدوير مفتاح التشغيل إلى وضع "OFF" (إيقاف التشغيل).
- إضاءة المصابيح الداخلية والتي تظل مضاءة طالما توجد طاقة في البطارية أو حتى يتم تدوير مفتاح التشغيل إلى وضع "OFF" (إيقاف التشغيل).
- إلغاء قفل الأبواب أوتوماتيكيًا.

التصادمات الجانبية

في حالات التصادمات الجانبية، مستشعرات التصادمات الجانبية تساعد وحدة التحكم في تثبيت الركاب (ORC) في تحديد الاستجابة المناسبة لحوادث التصادم. تمت معايرة النظام لنفخ الوسائد الهوائية الجانبية على جانب السيارة الذي حدث به التصادم أثناء التصادمات التي تتطلب حماية الراكب بالوسائد الهوائية الجانبية. في حالات التصادم الجانبي، تنتفخ الوسائد الهوائية بشكل منفصل؛ بحيث يؤدي التصادم من الجانب الأيسر إلى انتفاخ الوسائد الهوائية اليسرى فقط، ويؤدي التصادم من الجانب الأيمن إلى انتفاخ الوسائد الهوائية اليمنى فقط.

لن تنتفخ الوسائد الهوائية الجانبية في جميع التصادمات الجانبية، بما في ذلك بعض الحوادث بزاوية معينة أو بعض التصادمات الجانبية التي لا تؤثر على منطقة مقصورة الركاب. قد تنتفخ الوسائد الهوائية الجانبية أثناء التصادمات الأمامية ذات الزاوية أو ذات الإزاحة حيث تنتفخ الوسائد الهوائية الأمامية المتقدمة.

حوادث انقلاب السيارة

تم تصميم أكياس الهواء الجانبية لتنشيط في بعض حوادث انقلاب السيارة. تحدد وحدة التحكم في تثبيت الركاب (ORC) ما إذا كان انتفاخ الوسائد الهوائية الجانبية في حادث تصادم جانبي أو حادث انقلاب للسيارة أمرًا مناسبًا، استنادًا إلى شدة التصادم ونوعه. لا يعد تلف السيارة بحد ذاته مؤشر مناسب لما إذا كانت الوسائد الهوائية ستنتفخ أم لا.

لن تنتفخ الوسائد الهوائية الجانبية في كل حوادث الانقلاب. يحدد نظام استشعار الانقلاب ما إذا كانت حالة انقلاب مستمرة، وما إذا كان الانتفاخ مناسبًا أم لا. قد يتسبب حادث بطيء التقدم في انتفاخ آليات شد حزام الأمان الموجودة على جانبي السيارة. كما قد يتسبب حادث سريع التقدم في انتفاخ آليات شد حزام الأمان وأيضًا الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB) والستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) الموجودة على جانبي السيارة. قد يقوم نظام استشعار الانقلاب بنفخ آليات شد حزام الأمان، مع أو بدون الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB) والستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) على كلا جانبي السيارة في حالة مواجهة السيارة لحادث انقلاب وشيك.

في حالة انتفاخ الوسائد الهوائية

تم تصميم الوسائد الهوائية الأمامية المتقدمة بحيث يزول انتفاخها على الفور بعد إتمام انتفاخها.

ملاحظة: لن تنتفخ الوسائد الهوائية الأمامية و/أو الجانبية في كل حالات التصادمات. وهذا لا يعني وجود خلل في نظام الوسائد الهوائية.

وإذا وقع حادث تصادم يؤدي إلى انتفاخ الوسائد الهوائية، فستحدث أي من الحالات التالية أو جميعها:

- قد تسبب المواد المصنوعة منها الوسائد الهوائية كشط الجلد و/أو احمرار جلد الركاب وذلك عند انتفاخها وتحررها من موضعها. وحالات الكشط هذه مشابهة لآثار الاحتكاك بالحبال أو الانزلاق على سجادة أو على أرض صالة الألعاب الرياضية. وهي لا تنجم عن ملامسة مواد كيميائية. وهي ليست دائمة وعمومًا تشفى بسرعة. وإذا طالت فترة الشفاء لأكثر من بضعة أيام، أو إذا لاحظت فقاعات على الجلد، فراجع الطبيب فورًا.

تحذير!

- قد تكون سيارتك مزودة بنظام الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) اليمنى واليسرى. لا تضع أمتعة أو أشياء أخرى بارتفاع يعوق انتفاخ الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية (SABIC). ينبغي أن تظل الكسوة التي تغطي النوافذ الجانبية حيث الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية ومسار انتفاخها خاليًا من أي عوائق.
- قد تكون سيارتك مجهزة بنظام الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية (SABIC). لتعمل الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) كما يجب، فلا تقم بتركيب أية مواد ملحقة في السيارة قد تعمل على تغيير السقف. لا تقم بإضافة سقف متحرك بديل إلى سيارتك. لا تضف حوامل السقف التي تتطلب إضافات دائمة (مسامير أو براغي) لتثبيتها في سقف السيارة. لا تحفر في سقف السيارة لأي سبب.

تم تصميم الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) والستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) (التي يشار إليها كالوسائد الهوائية) لتنشط في بعض حوادث التصادمات الجانبية وبعض حوادث انقلاب السيارة. تحدد وحدة التحكم في تثبيت الركاب (ORC) ما إذا كان انتفاخ الوسائد الهوائية في حادث تصادم جانبي أو حادث انقلاب للسيارة أمرًا مناسبًا، استنادًا إلى شدة التصادم ونوعه. لا يعد تلف السيارة بحد ذاته مؤشر مناسب لما إذا كانت الوسائد الهوائية ستنتفخ أم لا.

الوسائد الهوائية ملحقة بنظام تثبيت حزام المقعد. تنتفخ الوسائد الهوائية في وقت أقل مما تستغرقه لتغمض عينيك. يمكن أن يتعرض الركاب، بما فيهم الأطفال الواقفين أمام الوسائد الهوائية أو القريبين جدًا منها، للإصابة أو الوفاة. يجب ألا يتكئ الركاب، بما في ذلك الأطفال، أو يناموا على الباب أو النوافذ الجانبية أو المنطقة التي تنتفخ فيها الوسائد الهوائية، حتى لو كانوا داخل أنظمة تثبيت الرضع أو الأطفال.

تعد أحزمة الأمان (أنظمة تثبيت الأطفال عند الاقتضاء) ضرورية لحمايتك في كل حالات التصادمات. كما تساعد أيضًا على المحافظة على وجودك في موضعك بعيدًا عن الوسائد الهوائية الجانبية المنتفخة. للحصول على أفضل حماية من الوسائد الهوائية، يجب على الركاب ارتداء أحزمة الأمان بطريقة صحيحة مع الجلوس في الوضع المستقيم معد وجود ظهور الركاب في مواجهة ظهور المقاعد. يجب تثبيت الأطفال بصورة صحيحة في مقعد الرفع أو نظام تثبيت الأطفال الذي يتناسب مع حجم الطفل.

تحذير!

- تحتاج الوسائد الهوائية الجانبية إلى مساحة كافية لتنتفخ. لا تتكئ على الباب أو النافذة. اجلس منتصبًا في وسط المقعد.
- قد يؤدي الاقتراب أكثر من اللازم من الوسائد الهوائية الجانبية أثناء الانتفاخ إلى تعرضك لإصابة جسيمة أو للوفاة.
- الاعتماد على الوسائد الهوائية الجانبية بمفردها قد يؤدي إلى إصابات خطيرة عند التصادم. فالوسائد الهوائية الجانبية بالإضافة إلى حزام الأمان تعمل على إبقائك في مكانك بصورة صحيحة. وفي بعض حوادث التصادمات، قد لا تنتفخ الوسائد الهوائية الجانبية على الإطلاق. ارتد دومًا حزام الأمان حتى ولو كانت السيارة مزودة بوسائد هوائية جانبية.

ملاحظة: قد لا تكون أغطية الوسائد الهوائية واضحة في الكسوة الداخلية، لكنها سوف تنفتح أثناء انتفاخ الوسائد الهوائية.

تحذير!

لا تستخدم أغطية المقاعد الملحقة، ولا تضع أي أشياء بينك وبين الوسائد الهوائية الجانبية، حيث قد يتأثر أداء هذه الوسائد بشدة و/أو قد تندفع هذه الأشياء بقوة تجاهك؛ مما قد يؤدي إلى إصابتك.

2. الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC): توجد فوق النوافذ الجانبية. يتم تمييز الكسوة التي تغطي الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) بعبارة "SRS AIRBAG" أو "AIRBAG".

موقع ملصق الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC)

قد تساعد الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) على تقليل مخاطر إصابة الرأس للركاب الموجودين في المقاعد الأمامية والخلفية الطرفية. قد تقلل الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) من خطر الإصابات في حوادث التصادم الجانبي وانقلاب السيارة، بالإضافة إلى تقليل الإصابة المحتملة التي توفرها أحزمة الأمان وهيكل الجسم.

تنتفخ الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) إلى الأسفل، بحيث تغطي النوافذ الجانبية. تدفع الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) الحافة الخارجية للكسوة بعيدًا عن مسار الانتفاخ وتغطي النافذة. يتم نفخ الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) بالهواء بقوة تكفي لإصابتك إذا لم تكن تستخدم حزام الأمان وتجلس بصورة صحيحة أو في حالة وجود متعلقات في المنطقة التي تنتفخ فيها الوسادة الهوائية الجانبية التي تعمل كستارة. يكون الأطفال عرضة للإصابة بشكل أكبر بسبب انتفاخ الوسادة الهوائية.

قد تساعد الستائر القابلة للانتفاخ للوسائد الهوائية الجانبية الإضافية (SABIC) في تقليل مخاطر التعرض للانقذاف الجزئي أو الكلي لركاب السيارة عبر النوافذ الجانبية في بعض حوادث الانقلاب أو الصدمات الجانبية.

تحذير!

- لا تحفر أو تقطع أو تعبث في وسائد حماية الركبة من الصدمات بأي شكل.
- لا تضع أي ملحقات عند وسائد حماية الركبة من الصدمات مثل أضواء الإنذار أو أجهزة الاستيريو أو أجهزة راديو موجات المواطنين، وما إلى ذلك.

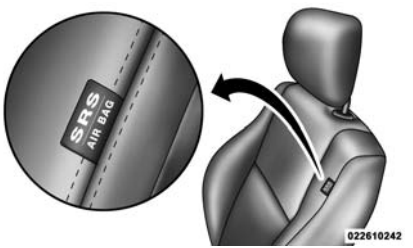
الوسائد الهوائية الإضافية للركبة

السيارة مزودة بوسادة هوائية إضافية للركبة جانب السائق مثبتة في لوحة أجهزة القياس أسفل عمود التوجيه. توفر الوسادة الهوائية الإضافية للركبة جانب السائق حماية محسنة عند حدوث تصادم أمامي حيث تعمل جنبًا إلى جنب مع أحزمة الأمان والشدادات والوسائد الهوائية الأمامية المتقدمة.

الوسائد الهوائية الجانبية الإضافية

إن سيارتك مزودة بنظام نوعين من الوسائد الهوائية الجانبية:

1. الوسائد الهوائية الإضافية الجانبية المركبة في المقعد (SAB): توجد في الجانب الخارجي من المقاعد الأمامية. يتم تمييز الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB) بملصق "SRS AIRBAG" أو "AIRBAG" مخيط بالجانب الخارجي للمقاعد الأمامية.



ملصق الوسادة الهوائية الجانبية الإضافية الأمامية المركبة في المقعد

قد تساعد الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB) في تقليل خطر حدوث إصابة أثناء حدوث بعض الصدمات الجانبية وبعض حوادث الانقلاب المحددة، بالإضافة إلى تقليل الإصابة المحتملة التي توفرها أحزمة الأمان وهيكل الجسم.

عندما تنتفخ الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB)، فإنها تفتح خط الالتحام على الجانب الخارجي من غطاء كسوة ظهر المقعد. وتخرج الوسائد الهوائية الجانبية الإضافية المركبة بالمقعد (SAB) عند انتفاخها من شق المقعد إلى الحيز الموجود بين الراكب والباب. وتتحرك الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB) بسرعة عالية وبقوة عنيفة قد تؤدي إلى إصابتك إن لم تكن جالسًا بصورة صحيحة أو إذا كانت هناك حاجيات في الحيز الذي تنتفخ فيه الوسائد الهوائية الجانبية الإضافية المركبة في المقعد (SAB). يكون الأطفال عرضة للإصابة بشكل أكبر بسبب انتفاخ الوسادة الهوائية.

سيضيء ضوء تحذيري بشأن الوسادة الهوائية عندما يتعذر على نظام تصنيف الركاب (OCS) تصنيف حالة مقعد الراكب الأمامي. قد يؤثر تعطل نظام تصنيف الركاب (OCS) على تشغيل نظام الوسائد الهوائية.

إذا لم يضيء الضوء التحذيري بشأن الوسادة الهوائية ، أو إذا استمر في الإضاءة بعد تشغيل السيارة أو إذا أضاء أثناء قيادة السيارة، فيجب أخذ السيارة إلى وكيل معتمد للصيانة فورًا.

تحتوي مجموعة مقعد الراكب على مكونات نظام تصنيف الركاب (OCS) الهامة والتي يمكن أن تؤثر على انتفاخ الوسادة الهوائية المتقدمة الأمامية للراكب. حتى يتمكن نظام تصنيف الركاب (OCS) من تصنيف راكب المقعد الأمامي بشكل صحيح، يجب أن تعمل مكونات نظام تصنيف الركاب (OCS) كما تم تصميمها.

لا تقم بإجراء أي تعديلات على مكونات مقعد الراكب الأمامي أو مجموعة المقعد أو غطاء المقعد. إذا كان المقعد أو غطاء الكسوة أو الوسادة بحاجة للصيانة لأي سبب، فخذ السيارة إلى الوكيل المعتمد. يجب استخدام ملحقات المقعد المعتمدة من شركة Chrysler Group LLC فقط.

يجب اتباع المتطلبات التالية بدقة:

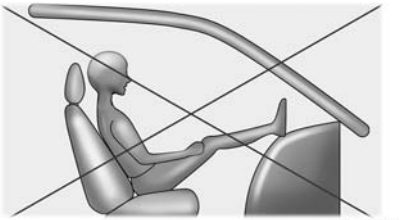
- عدم تعديل مجموعة مقعد الراكب الأمامي أو مكوناتها بأي شكل من الأشكال.
- عدم استخدام أغطية مقاعد أو وسائد من طراز سنة سابقة أو سنة تالية غير مُصممة من قِبل شركة Chrysler Group LLC للطراز المحدد الذي يجري إصلاحه. استخدام غطاء المقعد والوسادة الصحيحين المحددين للسيارة دائمًا.
- عدم استبدال غطاء المقعد أو الوسادة بغطاء مقعد أو وسادة بديلة.
- عدم إضافة غطاء مقعد أو سجادة ثانوية.
- ينبغي عدم تعديل أي مكون لنظام التثبيت الإضافي (SRS) أو أي مكون أو مثبت متعلق بنظام التثبيت الإضافي (SRS) أو استبداله مطلقًا في أي وقت بأي جزء باستثناء الأجزاء المعتمدة من قِبل شركة Chrysler Group LLC.

تحذير!

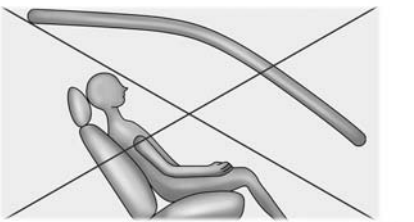
قد تُغير التعديلات أو إجراءات الصيانة غير المعتمدة لمجموعة مقعد الراكب والمكونات المتعلقة بها أو غطاء المقعد أو الوسادة طريقة انتفاخ الوسادة الهوائية دون قصد في حالة وقوع تصادم أمامي. وقد يتسبب ذلك في الوفاة أو في إصابات خطيرة للراكب الأمامي إذا تعرضت السيارة لتصادم. وقد لا تتوافق السيارة المعدلة مع معايير سلامة السيارات الفيدرالية (FMVSS) و/أو معايير سلامة السيارات الكندية (CMVSS).

وسائد حماية الركبة من الصدمات

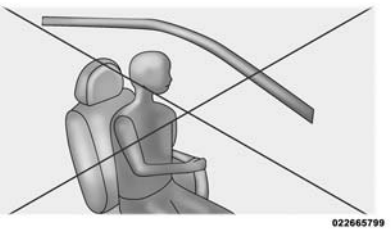
تساعد وسائد حماية الركبة من الصدمات على حماية ركبتي السائق والراكب الأمامي وتضع ركاب المقعد الأمامي في أفضل وضع للتفاعل مع الوسائد الهوائية الأمامية المتقدمة.



عدم الجلوس بشكل صحيح



عدم الجلوس بشكل صحيح



عدم الجلوس بشكل صحيح

تحذير!

- إذا كان الراكب يجلس في مقعد الراكب الأمامي بشكل غير صحيح، فقد يوفر الراكب إشارة خرج إلى نظام تصنيف الركاب (OCS) الذي يختلف عن إدخال وزن الراكب الجالس بشكل صحيح. وقد يسفر ذلك عن إصابات خطيرة أو الوفاة في حالة وقوع تصادم.

(تابع)

تحذير! (تابع)

- ارتد حزام الأمان واجلس بشكل صحيح دائمًا، مع وضع ظهر المقعد في وضع منتصب ووضع ظهرك على ظهر المقعد والجلوس منتصبًا والمواجهة للأمام في منتصف المقعد مع وضع قدميك على الأرض أو بالقرب منها بشكل مريح.
- لا تحمل أية أشياء أو تمسك بها (مثل، حقيبة الظهر أو الصناديق، إلخ) أثناء الجلوس في مقعد الراكب الأمامي. قد يوفر الإمساك بشيء ما إشارة خرج إلى نظام تصنيف الركاب (OCS) مختلفة عن إدخال وزن الراكب الجالس بصورة صحيحة، مما قد يؤدي إلى حدوث إصابة خطيرة أو الوفاة في حالة وقوع تصادم.
- قد يؤدي وضع شيء ما على الأرضية أسفل مقعد الراكب الأمامي إلى منع نظام تصنيف الركاب (OCS) من العمل بشكل صحيح، وهو ما قد يتسبب في الإصابة الخطرة أو الوفاة في حالة وقوع تصادم. لا تضع أية أشياء على الأرضية أسفل مقعد الراكب الأمامي.

(تابع)

الركاب خفيفي الوزن (بما في ذلك البالغين الصغار)

عند جلوس راكب خفيف الوزن، بما في ذلك البالغين الصغار، في مقعد الراكب الأمامي، قد يقلل نظام تصنيف الركاب (OCS) معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب. وهذا لا يعني أن نظام تصنيف الركاب (OCS) لا يعمل بشكل صحيح.

لا تقم بتقليل أو زيادة وزن الراكب الجالس في مقعد الراكب الأمامي

يجب ضبط وزن الراكب الجالس في المقعد الأمامي بشكل صحيح في مقعد الراكب الأمامي. حيث قد يؤدي عدم مراعاة ذلك إلى وقوع إصابات شخصية خطيرة أو الوفاة. يحدد نظام تصنيف الركاب (OCS) التصنيف الأكثر مناسبة للراكب الذي قام باكتشافه.

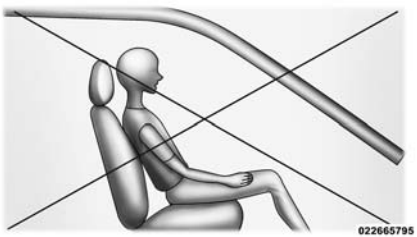
يقوم نظام تصنيف الركاب (OCS) باكتشاف الزيادة أو النقصان في وزن الراكب الأمامي، مما قد يتسبب في ضبط معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب في حالة حدوث تصادم. وهذا لا يعني أن نظام تصنيف الركاب (OCS) لا يعمل بشكل صحيح.

قد يؤدي تقليل وزن الراكب الجالس في مقعد الراكب الأمامي إلى انتفاخ منخفض الطاقة للوسادة الهوائية الأمامية المتقدمة للراكب. قد تؤدي زيادة وزن الراكب الجالس في مقعد الراكب الأمامي إلى انتفاخ كامل الطاقة للوسادة الهوائية الأمامية المتقدمة للراكب.

تشمل الأمثلة على الجلوس غير الصحيح للراكب الأمامي ما يلي:

- نقل وزن الراكب الأمامي إلى جزء آخر من السيارة (مثل الباب أو مسند الذراعين أو لوحة أجهزة القياس).
- ميل الراكب الأمامي نحو الأمام، أو إلى الجانب أو استدارته ليواجه الجزء الخلفي للسيارة.
- عدم وجود ظهر مقعد الراكب الأمامي في وضع الاستقامة الكاملة.
- إمساك الراكب الأمامي بشيء ما أثناء جلوسه (مثل، حقيبة الظهر أو الصندوق، إلخ.)
- الأشياء الموضوعة أسفل مقعد الراكب الأمامي.
- الأشياء الموضوعة بين مقعد الراكب الأمامي والكونسول المركزي.
- الملحقات التي قد تغير من وزن الراكب الجالس في مقعد الراكب الأمامي ومثبتة بمقعد الراكب الأمامي.
- أي شيء قد يتسبب في تقليل أو زيادة وزن الراكب الجالس في المقعد الأمامي.

يقوم نظام تصنيف الركاب (OCS) بتحديد التصنيف الأكثر احتمالاً للراكب الذي يشغل مقعد الراكب الأمامي. إذا كان الراكب يجلس في مقعد الراكب الأمامي بشكل غير صحيح، فقد يوفر الراكب إشارة خرج إلى نظام تصنيف الركاب (OCS) الذي يختلف عن إدخال وزن الراكب الجالس بشكل صحيح، على سبيل المثال:



عدم الجلوس بشكل صحيح

حالة ركاب مقعد الراكب الأمامي	خرج الوسادة الهوائية للراكب الأمامي
نظام تثبيت الأطفال المتجه للخلف	الانتفاخ منخفض الطاقة
الطفل، بما في ذلك الطفل في أنظمة تثبيت الأطفال المواجهة للأمام أو مقعد الرفع*	الانتفاخ منخفض الطاقة أو الانتفاخ كامل الطاقة
البالغ الجالس بوضع صحيح	الانتفاخ كامل الطاقة أو الانتفاخ منخفض الطاقة
المقعد غير المشغول	الانتفاخ منخفض الطاقة

* يمكن تصنيف طفل على أنه بالغ، مما يؤدي إلى انتفاخ الوسادة الهوائية الأمامية المتقدمة بطاقة كاملة. لا تسمح للأطفال بالركوب في مقعد الراكب الأمامي مطلقًا ولا تركب نظام تثبيت الأطفال، بما في ذلك نظام تثبيت الأطفال للخلف، في مقعد الراكب الأمامي مطلقًا.

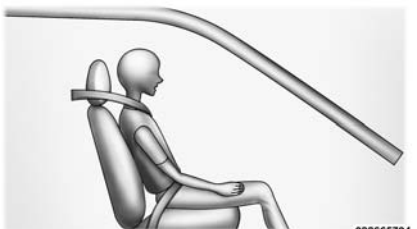
تحذير!

- لا تضع نظام تثبيت الأطفال المتجه إلى الخلف أمام وسادة هوائية مطلقًا. حيث قد تتسبب الوسادة الهوائية الأمامية المتقدمة المنتفخة للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه إلى الخلف، أو إصابته بإصابة خطيرة.
- استخدم فقط نظام تثبيت الأطفال المتجه نحو الخلف في السيارات ذات المقعد الخلفي.
- يجب ربط الأطفال الذين ممن يبلغ 12 عامًا أو أقل بأحزمة الأمان في المقعد الخلفي.

يقوم نظام تصنيف الركاب (OCS) بتحديد التصنيف الأكثر احتمالاً للراكب الذي يشغل مقعد الراكب الأمامي. يُقدر نظام تصنيف الركاب (OCS) الوزن في مقعد الراكب الأمامي وأين يقع هذا الوزن. يتواصل نظام تصنيف الركاب (OCS) مع حالة التصنيف في وحدة التحكم في تثبيت الركاب (ORC). تستخدم وحدة التحكم في تثبيت الركاب (ORC) التصنيف لتحديد كيف يجب تعديل معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة.

لتشغيل نظام تصنيف الركاب (OCS) حسب تصميمه، يجب أن يجلس الراكب الأمامي بشكل صحيح ويرتدي حزام الأمان بشكل صحيح. الركاب الذين يجلسون بشكل صحيح:

- يجلسون منتصبين
- مواجهين للأمام
- يجلسون في منتصف المقعد مع وضع أقدامهم على الأرض أو بالقرب منها بشكل مريح
- يجلسون مع وضع ظهورهم على ظهر المقعد وظهر المقعد في وضع منتصب



يجلسون بشكل صحيح

ينفصل كلٍ من غطاء كسوة محور عجلة القيادة والجانب الأيمن العلوي للوحة أجهزة القياس ويتم طيهما بعيدًا عن حيز الانتفاخ الكامل للوسائد الهوائية. تنتفخ الوسائد الهوائية الأمامية المتقدمة بالكامل في وقت أقل مما تستغرقه لتغمض عينيك. بعد ذلك يزول انتفاخ الوسائد الهوائية بسرعة بحيث يحمي السائق والراكب الأمامي.

نظام تصنيف الركاب (OCS) — مقعد الراكب الأمامي

يعد نظام تصنيف الركاب (OCS) جزءًا من نظام الأمان لتلك السيارة حسب القواعد الفيدرالية. فهو مصمم لتوفير مخرجات الوسادة الهوائية الأمامية المتقدمة مناسبة على لوزن الراكب الجالس، كما هو محدد بواسطة نظام تصنيف الركاب (OCS).

ويتألف نظام تصنيف الركاب (OCS) مما يلي:

- وحدة التحكم في تثبيت الركاب (ORC)
- توجد وحدة تصنيف الركاب (OCM) والمستشعر في مقعد الراكب الأمامي
- ضوء تحذيري بشأن الوسادة الهوائية

وحدة تصنيف الركاب (OCM) والمستشعر

توجد وحدة تصنيف الركاب (OCM) أسفل مقعد الراكب الأمامي. يوجد المستشعر خلف فوم وسادة مقعد الراكب. سيقوم المستشعر باستشعار أي وزن موجود على المقعد. تستخدم وحدة تحكم تصنيف الركاب (OCM) الإخراج الصادر عن المستشعر لتحديد التصنيف الأكثر احتمالاً للراكب الذي يشغل مقعد الراكب الأمامي. تقوم وحدة تصنيف الركاب (OCM) بتوصيل هذه المعلومات إلى وحدة التحكم في تثبيت الركاب (ORC). قد تقوم وحدة التحكم في تثبيت الركاب (ORC) بتقليل معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب في بناءً على تصنيف الراكب. لتشغيل نظام تصنيف الركاب (OCS) حسب تصميمه، يجب أن يجلس الراكب الأمامي بشكل صحيح ويرتدي حزام الأمان بشكل صحيح.

لن يمنع نظام تصنيف الركاب (OCS) انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب. قد يقلل نظام تصنيف الركاب (OCS) معدل انتفاخ الوسادة الهوائية الأمامية المتقدمة للراكب إذا قدر نظام تصنيف الركاب (OCS) أن:

- مقعد الراكب الأمامي غير مشغول أو به أشياء خفيفة جدًا؛ أو
- يشغل مقعد الراكب الأمامي راكبًا صغيرًا، بما في ذلك الطفل؛ أو
- يشغل مقعد الراكب الأمامي نظام تثبيت الأطفال المتجه للخلف؛ أو
- أن الراكب الأمامي يجلس بوضع غير صحيح أو أن وزنه غير موجود بالمقعد لفترة من الوقت.

ميزات الوسادة الهوائية الأمامية المتقدمة

يوفر هذا نظام الوسائد الهوائية الأمامية المتقدمة مخرجات مناسبة لشدة التصادم ونوعه كما تحددها وحدة التحكم في تثبيت الركاب (ORC)، والتي قد تستقبل معلومات من مستشعرات التصادم في مقدمة السيارة أو مكونات النظام الأخرى.

قد تكون السيارة مزودة بمفتاح ربط حزام أمان السائق و/أو الراكب الأمامي الذي يكتشف ما إذا كان حزام أمان السائق أو الراكب الأمامي مثبتًا أم لا. يمكن أن يضبط مفتاح ربط حزام الأمان معدل نفخ الوسادة الهوائية الأمامية المتقدمة.

تحذير!

- يجب عدم وضع أية حاجيات فوق الوسادة الهوائية أو بالقرب منها على لوحة أجهزة القياس أو عجلة القيادة، نظرًا لأن هذه الحاجيات قد تؤدي إلى حدوث ضرر إذا تعرضت السيارة لحادث تصادم عنيف بما يكفي لنفخ الوسائد الهوائية.

(تابع)

تحذير! (تابع)

- لا تضع أي شيء على أغطية الوسادة الهوائية أو حولها ولا تحاول فتحها يدويًا. فقد يتسبب ذلك في تلف الوسائد الهوائية وقد يعرضك للإصابة لأن الوسائد الهوائية قد لا تعمل بعد ذلك. صممت الأغطية الواقية للوسائد الهوائية لكي تُفتح عند انتفاخ الوسائد الهوائية فقط.
- الاعتماد على الوسائد الهوائية بمفردها قد يؤدي إلى إصابات خطيرة عند التصادم. فالوسائد الهوائية بالإضافة إلى حزام الأمان تعمل على إبقائك في مكانك بصورة صحيحة. وفي بعض حوادث التصادمات لا تنتفخ الوسائد الهوائية على الإطلاق. ارتدي دومًا حزام الأمان حتى ولو كانت السيارة مزودة بوسائد هوائية.

تشغيل الوسادة الهوائية الأمامية المتقدمة

صُممت الوسائد الهوائية الأمامية المتقدمة لتوفير حماية إضافية عن طريق إكمال عمل أحزمة الأمان. وليس متوقعًا للوسائد الهوائية الأمامية المتقدمة أن تقلل من مخاطر الإصابة التي تنجم عن حالات التصادم الخلفية والجانبية أو حوادث انقلاب السيارة. لن تنتفخ الوسائد الهوائية الأمامية المتقدمة في كل حالات الاصطدامات الأمامية، والتي تتضمن بعض الحالات التي قد ينجم عنها تلف كبير بالسيارة — على سبيل المثال، بعض الاصطدامات في الأعمدة واصطدامات السيارة بالشاحنات واصطدامات الإزاحة بزاوية.

على الجانب الآخر، وتبعًا لنوع الاصطدام ومكانه، قد تنتفخ الوسائد الهوائية الأمامية المتقدمة في حالة الصدمات التي ينجم عنها تلف بسيط في الطرف الأمامي للسيارة غير أنها تسبب خفضًا حادًا في السرعة في البداية.

ونظرًا لأن مستشعرات الوسائد الهوائية تقيس خفض سرعة السيارة مع مرور الوقت، فإن سرعة السيارة والتلف الذي يصيبها لا يعتبران في حد ذاتهما مؤشرات جيدة لضرورة انتفاخ الوسادة الهوائية أم لا.

لا غنى عن أحزمة الأمان لحمايتك في كل حالات الاصطدام، وهي لازمة أيضًا لمساعدتك على المحافظة على وضعك بعيدًا عن الوسادة الهوائية في حال انتفاخها.

عندما تكتشف وحدة التحكم في تثبيت الركاب (ORC) حدوث تصادم يستلزم استخدام الوسائد الهوائية الأمامية المتقدمة، فإنها تصدر إشارات إلى وحدات نفخ الوسائد الهوائية. يتم توليد كمية كبيرة من الغاز غير السام لنفخ الوسائد الهوائية الأمامية المتقدمة.

- وسائد حماية الركبة من الصدمات
- الوسائد الهوائية الأمامية المتقدمة
- الوسائد الهوائية الجانبية الإضافية
- الوسائد الهوائية الإضافية للركبة
- مستشعرات التصادم الجانبي الأمامية والجانبية
- آليات شد حزام الأمان
- مفتاح ربط حزام الأمان
- نظام تصنيف الركاب

الوسائد الهوائية الأمامية المتقدمة

هذه السيارة مزودة بوسائد هوائية أمامية متقدمة للسائق وللراكب الأمامي وهي بمثابة تكملة لأنظمة تثبيت أحزمة الأمان. وتوجد الوسادة الهوائية الأمامية المتقدمة للسائق في وسط عجلة القيادة. أما الوسادة الهوائية الأمامية المتقدمة للراكب فهي موجودة في لوحة أجهزة القياس فوق صندوق القفازات. وستجد عبارة "SRS AIRBAG" أو "AIRBAG" مكتوبتين على أغطية الوسادة الهوائية.

أماكن الوسادة الهوائية الأمامية المتقدمة ووسادة الركبة

1 — الوسادة الهوائية الأمامية المتقدمة الخاصة بالسائق

2 — الوسادة الهوائية الأمامية المتقدمة الخاصة بالراكب

3 — الوسادة الهوائية الإضافية للركبة جانب السائق/وسادة حماية الركبة من الصدمات للسائق

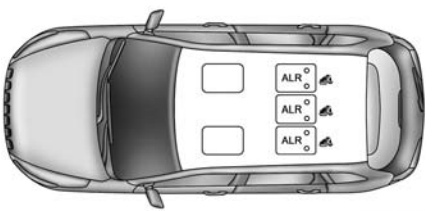
4 — وسادة حماية الركبة من الصدمات للراكب

تحذير!

- إن جلوسك قريبًا جدًا من عجلة القيادة أو لوحة أجهزة القياس أثناء انتفاخ الوسادة الهوائية الأمامية المتقدمة قد يسبب لك إصابة خطيرة، قد تصل إلى الوفاة. فالوسائد الهوائية تحتاج إلى حيز كاف لتنتفخ. اجلس مسترخيًا إلى الوراء ومد ذراعيك بشكل مريح للتحكم بعجلة القيادة أو الوصول إلى لوحة أجهزة القياس.
- لا تضع نظام تثبيت الأطفال المتجه إلى الخلف أمام وسادة هوائية مطلقًا. حيث قد تتسبب الوسادة الهوائية الأمامية المتقدمة المنتفخة للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه إلى الخلف، أو إصابته بإصابة خطيرة.
- استخدم نظام تثبيت الأطفال المتجه للخلف في السيارات ذات المقعد الخلفي فقط.

آلية سحب القفل الأوتوماتيكي (ALR) — إذا كانت السيارة مزودة بذلك

أحزمة الأمان في مواضع جلوس الركاب مزودة بآليات سحب القفل الأوتوماتيكي (ALR) القابلة للتحويل والتي يمكن استخدامها لتأمين نظام تثبيت الأطفال. راجع "تركيب أنظمة تثبيت الأطفال باستخدام أحزمة أمان السيارة" الواردة ضمن قسم "أنظمة تثبيت الأطفال" من هذا الدليل. يحدد الجدول أدناه نوع الميزة الخاصة بكل موضع من مواضع الجلوس.



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• ALR = آلية سحب القفل الأوتوماتيكي القابلة للتحويل

إذا كان موضع جلوس الراكب مزودًا بآليات سحب القفل الأوتوماتيكي (ALR) ويتم استخدامه بشكل عادي، اسحب حزام الأمان فقط لمسافة تكفي للفه بشكل مريح حول الجزء الأوسط من جسم الراكب بحيث لا يتم تنشيط آلية سحب القفل الأوتوماتيكي (ALR). في حالة تنشيط آلية سحب القفل الأوتوماتيكي (ALR) ستسمع صوت تعشيق عند انسحاب حزام الأمان. اسمح للحزام بالانسحاب تمامًا في هذه الحالة ثم قم بحرص بسحب الجزء الضروري من الحزام بحيث يتم لفه بشكل مريح حول الجزء الأوسط من جسم الراكب. أزح لسان المزلاج داخل حلقة التثبيت حتى تسمع "طقطقة."

في وضع القفل الأوتوماتيكي، يتم قفل حزام الكتف أوتوماتيكيًا بشكل مسبق. وستستمر إمكانية انسحاب حزام الأمان لإزالة أي ارتخاء في حزام الكتف. استخدم وضع القفل الأوتوماتيكي في أي وقت يتم فيه تركيب نظام تثبيت الأطفال في موضع جلوس به حزام مقعد مزود بهذه الميزة. يجب تثبيت الأطفال الذين تصل أعمارهم إلى 12 عامًا أو أقل دائمًا بصورة صحيحة في السيارات ذات المقعد الخلفي.

تحذير!

• لا تضع نظام تثبيت الأطفال المتجه إلى الخلف أمام وسادة هوائية مطلقًا. حيث قد تتسبب الوسادة الهوائية الأمامية المتقدمة المنتفخة للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه إلى الخلف، أو إصابته بإصابة خطيرة.
• استخدم فقط نظام تثبيت الأطفال المتجه نحو الخلف في السيارات ذات المقعد الخلفي.

نظام التثبيت الإضافي (SRS)

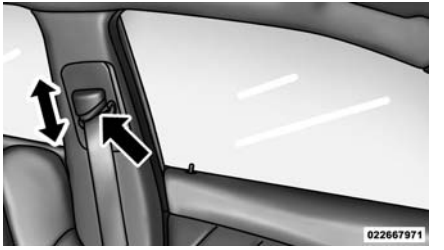
مكونات نظام الوسادة الهوائية

قد تكون السيارة مزودة بمكونات نظام الوسادة الهوائية التالية:

• وحدة التحكم في تثبيت الركاب (ORC)
• ضوء تحذيري بشأن الوسادة الهوائية
• عمود وعجلة قيادة
• لوحة أجهزة قياس

مثبت حزام الكتف العلوي القابل للضبط

في مقعدي السائق والراكب الأمامي، يمكن ضبط الجزء العلوي من حزام الكتف سواء لأعلى أو لأسفل لوضع حزام المقعد بعيدًا عن رقبتك. اضغط على أو اكبس على زر المثبت لتحرير المثبت، ثم قم بتحريكه لأعلى أو لأسفل إلى الوضع الذي يناسبك.



المثبت القابل للضبط

وكقاعدة أساسية، إذا كنت أقصر من المتوسط فستفضّل مثبت حزام الكتف في موضع أكثر انخفاضًا، وإذا كنت أطول من المتوسط فستفضّل مثبت حزام الكتف في موضع أعلى. وبعد تحرير زر المثبت حاول تحريكه لأعلى أو لأسفل للتأكد من قفله في موضعه.

ملاحظة: يتم تزويد مثبت حزام الكتف القابل للضبط بميزة التحريك لأعلى. تسمح هذه الميزة بضبط مثبت حزام الكتف في الوضع العلوي دون الضغط على زر التحرير أو كبسه. للتحقق من قفل مثبت حزام الكتف، اسحب مثبت حزام الكتف إلى الأسفل حتى يتم قفله في موضعه.

أحزمة الأمان والسيدات الحوامل

تُوصي النساء الحوامل باستخدام أحزمة الأمان طيلة فترة الحمل. يعد الحفاظ على سلامة الأم أفضل وسيلة للحفاظ على سلامة الجنين.

يجب على المرأة الحامل أن تضع حزام الأمان الخاص بالحوض على الفخذين وأن تحكم ربطه على الوركين قدر المستطاع. ابق حزام الأمان منخفضًا حتى لا يضغط على البطن. تقوم عظام الورك القوية بصد الصدمات عند وقوع أي تصادم.

آلية شد حزام الأمان

تم تزويد نظام حزام المقعد الأمامي مزودة بأجهزة شد مصممة لإزالة أي ارتخاء من نظام حزام المقعد في حالة وقوع تصادم. قد تقوم هذه الأجهزة بتحسين أداء حزام الأمان من خلال إزالة الارتخاء من حزام الأمان في وقت مبكر في حالة وقوع تصادم. تتكيف آليات الشد مع حجم أي راكب، بما في ذلك الأطفال الذين يوضعون في نظام تثبيت الأطفال.

ملاحظة: إن آليات الشد ليست بديلة لربط حزام الأمان بصورة صحيحة من قِبل الراكب. فلا بد من ربط حزام الأمان بإحكام وفي الوضع الصحيح.

يتم تشغيل آليات الشد بواسطة وحدة التحكم في تثبيت الركاب (ORC). وكما هو الحال مع الوسائد الهوائية فإن آليات الشد مصممة للاستخدام مرة واحدة فقط. يجب استبدال الوسادة الهوائية التي انتفخت أو الشداد الذي انتفخ على الفور.

ميزة إدارة الطاقة

هذه السيارة مزودة بنظام أحزمة أمان يحتوي على ميزة إدارة الطاقة في المقاعد الأمامية وذلك للمساعدة في تقليل خطر الإصابة في حالات التصادم. ويشتمل نظام أحزمة الأمان هذا على مجموعة آلية سحب تم تصميمها لتحرير الحزام بشكل يمكن التحكم فيه.

إدخال اللسان المعدني في الإبزيم

4. ضع حزام الحوض حتى يتم إحكام تثبيته بحيث يستقر حول الفخذين، أسفل بطنك. للتخلص من ارتخاء حزام الحوض اسحب جزء الحزام الملتف حول الكتف قليلاً. ولتخفيف إحكام الحزام الملتف حول الحوض قم بإمالة اللسان المعدني واسحب حزام الحوض. حزام الأمان المحكم يقلل من خطر الانزلاق تحت الحزام عند التصادم.

وضع حزام الحوض

5. ضع حزام الكتف بين الكتف والصدر مع الحد الأدنى، وفي حالة وجود أي ارتخاء بحيث يكون مريحًا وغير مستقر حول رقبتك. وستسحب آلية سحب الحزام أي ارتخاء في حزام الكتف.

6. لفك حزام الأمان، اضغط على الزر الأحمر على الإبزيم. وسينسحب حزام الأمان أوتوماتيكيًا إلى وضعه الأصلي. اسحب اللسان المعدني إلى الأسفل لكي تضمن الانسحاب الكامل لحزام الأمان، إذا كان ذلك ضروريًا.

إجراء تعديل حزام أمان الحوض/الكتف الملتف

اتبع الخطوات التالية لتعديل حزام الحوض/الكتف لحزام الأمان في حالة التفافه.

1. ضع اللسان المعدني في أقرب مكان ممكن من نقطة التثبيت.

2. من نقطة تبعد من 15 سم إلى 30 سم (من 6 إلى 12 بوصة) تقريبًا فوق اللسان المعدني، قم بلف نسيج حزام الأمان بزاوية 180 درجة لإحداث طية تبدأ فوق اللسان المعدني مباشرة.

3. اسحب اللسان المعدني إلى الأعلى إلى نقطة تتجاوز الطية الموجودة على الحزام. ويجب توخي الحذر عند البدء بهذه العملية لضمان دخول الطية في الفتحة في أعلى اللسان المعدني.

4. استمر بسحب اللسان المعدني إلى الأعلى حتى تتجاوز الطية الموجودة على حزام الأمان ويصبح حزام الأمان غير ملتويًا.

تحذير! (تابع)

- إن ربط حزام الحوض في جزء مرتفع من جسمك يمكن أن يزيد من الإصابة عند حدوث تصادم. وذلك لعدم وضع حزام الأمان حول العظام القوية للورك والحوض بل حول البطن. قم دائمًا بارتداء جزء حزام الحوض في أدنى مستوى ممكن مع إحكام ربطه.
- حزام الأمان الملفوف لن يحميك بصورة صحيحة. ففي حالة وقوع تصادم من الممكن أن يدخل في جسمك مسببًا لك الأذى. تأكد من أن وضع حزام المقعد بشكل مسطح في مواجهة جسمك، دون وجود الالتفافات. إذا لم تستطع تعديل أحد أحزمة الأمان إلى الوضع المستقيم في سيارتك، فاصطحبه فورًا إلى وكيلك المعتمد لإصلاحه.
- إن حزام الأمان المربوط في إبزيم غير صحيح لا يحميك بالطريقة السليمة. ومن الممكن أن يرتفع جزء الحزام الذي يلتف حول حوضك إلى أعلى جسمك مما يسبب إصابات داخلية. تأكد دائمًا من إدخال حزام الأمان في الإبزيم المخصص لك والقريب منك.

(تابع)

تحذير! (تابع)

- إن حزام الأمان المرتخي للغاية لن يحميك بالطريقة السليمة. فعند التوقف المفاجئ قد تتحرك كثيرًا إلى الأمام مما يزيد من احتمال الإصابة. تأكد من ربط الحزام بإحكام.
- حزام الأمان المربوط تحت ذراعك يشكل خطورة كبيرة. فقد يرتطم جسمك بداخل السيارة عند التصادم مما يزيد من إصابة الرأس والرقبة. كما يسبب حزام الأمان المربوط تحت الذراع إصابات داخلية. إن عظام الأضلاع أضعف من عظام الكتف. اربط حزام الأمان حول كتفك كي تصد العظام القوية قوة الصدمة.
- الحزام المربوط خلفك لن يحميك من الإصابات أثناء وقوع تصادم. فقد يرتطم رأسك عند وقوع تصادم إذا لم تربط حزام الكتف. فالغرض من أحزمة الكتف والحوض هو استخدامها سوية.
- قد ينقطع حزام الأمان البالي أو الممزق عند التصادم وتصبح من دون حماية. افحص نظام أحزمة الأمان بصورة دورية للتأكد من عدم وجود أجزاء مقطوعة أو ممزقة أو بالية. ويجب استبدال الأجزاء التالفة فورًا. لا تحاول فك نظام حزام الأمان أو إدخال التعديلات عليه. يجب استبدال أحزمة الأمان بعد وقوع أي تصادم.

تعليمات استخدام حزام الحوض/الكتف

1. ادخل السيارة وأغلق الباب. ثم اجلس مسترخيًا واضبط المقعد.

2. يوجد اللسان المعدني لحزام الأمان أعلى ظهر المقعد الأمامي، بجانب ذراعك في المقعد الخلفي (السيارات المزودة بالمقعد الخلفي). امسك اللسان المعدني واسحب حزام المقعد. ثم اسحب اللسان المعدني لأعلى شريط حزام الأمان حسب الحاجة حتى يلتف الحزام حول حوضك.

سحب لوحة مزلاج حزام الأمان

3. وعندما يكون طول الحزام مناسبًا، أدخل اللسان المعدني في الإبزيم حتى تسمع الصوت الذي يدل على ربطه.

الموضع من الأخضر الثابت إلى الأحمر الوامض. حيث يعمل هذا على تنبيه السائق لإيقاف السيارة حتى يقوم الراكب الخلفي بربط حزام الأمان مرة أخرى.

ملاحظة:

- **إذا تم إلغاء تنشيط نظام التذكير بربط حزام الأمان BeltAlert، فستومض مصابيح التذكير بربط حزام الأمان عند إدارة مفتاح التشغيل إلى وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق).**
- **إذا تم ربط جميع أحزمة الأمان عند وجود مفتاح التشغيل في وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق)، فسوف يضيء ضوء التذكير بربط حزام الأمان بلون أخضر ثابت لمدة 30 ثانية تقريبًا، ثم ينطفئ.**

أحزمة أمان الحوض/الكتف

إن جميع أماكن الجلوس في سيارتك مزودة بأحزمة أمان الحوض/الكتف.

إن آلية سحب حزام الأمان مصممة كي تقفل في حالات التوقف المفاجئ للغاية أو التصادمات. وتسمح هذه الميزة بالحركة التامة لجزء الكتف من حزام الأمان مع حركتك في الظروف العادية. ولكن عند وقوع تصادم يتم قفل حزام الأمان، وهو ما يؤدي إلى التقليل من خطورة ارتطامك بالجزء الداخلي من السيارة أو الانقذاف خارجها.

تحذير!

- الاعتماد على الوسائد الهوائية بمفردها قد يؤدي إلى إصابات خطيرة عند التصادم. فالوسائد الهوائية بالإضافة إلى حزام الأمان تعمل على إبقائك في مكانك بصورة صحيحة. وفي بعض حوادث التصادمات لا تنتفخ الوسائد الهوائية على الإطلاق. ارتدي دومًا حزام الأمان حتى ولو كانت السيارة مزودة بوسائد هوائية.
- في حالة وقوع تصادم، قد تتعرض أنت وركاب السيارة لإصابات خطيرة إذا لم يتم ربط الحزام بصورة صحيحة. وربما ترتطم أنت بالجزء الداخلي من السيارة أو بالركاب الآخرين أو قد تُقذف خارج السيارة. تأكد دائمًا من ربط الحزام حولك وحول الركاب بصورة صحيحة.

(تابع)

تحذير! (تابع)

- إن ركوب السيارة في منطقة الحمولة أمر بالغ الخطورة سواء كان ذلك داخل السيارة أو خارجها. ففي حالات التصادم من المحتمل جدًا أن يتعرض الجالسون في هذه الأماكن إلى إصابات خطيرة أو مميتة.
- لا تسمح لأي شخص بالركوب في أي جزء من السيارة غير مزود بمقاعد وأحزمة أمان.
- تأكد من جلوس جميع الركاب في المقاعد واستخدامهم لأحزمة الأمان بصورة صحيحة.
- يمكن أن يزيد ارتداء حزام الأمان بشكل غير صحيح من شدة الإصابات عند وقوع تصادم. وقد تتعرض لإصابات داخلية أو قد تنزلق من تحت حزام الأمان. اتبع هذه التعليمات لوضع حزام الأمان بصورة آمنة للمحافظة على سلامتك وسلامة ركاب السيارة أيضًا.
- يجب عدم ربط شخصين بحزام واحد بتاتًا. فقد يرتطم هذان الشخصان ببعضهما البعض في حالة وقوع تصادم، الأمر الذي يسبب الأذى لكل منهما. امتنع عن استخدام حزام الحوض/الكتف أو حزام الحوض لأكثر من شخص بغض النظر عن أحجامهم.

(تابع)

وقد أثبتت البحوث أن أحزمة الأمان تنقذ الأرواح وتقلل من خطورة الإصابات في حوادث التصادم. وتحدث أسوأ الإصابات عند انقذاف الأشخاص خارج السيارة. وتقلل أحزمة الأمان من إمكانية الانقذاف خارج السيارة وخطورة الإصابات الناجمة عن الارتطام بالسيارة من الداخل. من الضروري ربط الأحزمة لكل الأشخاص داخل السيارة في جميع الأوقات.

نظام التذكير بربط حزام المقعد المحسن (BeltAlert)

ميزة BeltAlert لمقعد السائق والراكب الأمامي

تعد BeltAlert ميزة مخصصة لتذكير السائق والراكب الأمامي الخارجي بربط أحزمة الأمان الخاصة بهم. تكون الميزة نشطة عندما يكون مفتاح التشغيل في وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق). في حالة عدم ربط حزام السائق أو الراكب بالمقعد الأمامي، يتم تشغيل ضوء التذكير بربط حزام الأمان المناسب ويظل مضاءً حتى يتم ربط حزام الأمان. سوف يضيء ضوء التذكير بربط حزام الأمان المناسب بلون أخضر ثابت بمجرد أن يتم ربط حزام أمان موضع الجلوس المشغول.

يبدأ تسلسل تحذير ميزة BeltAlert بعد تحرك السيارة بسرعة تتجاوز 8 كم/ساعة (5 أميال/الساعة)، وذلك عن طريق وميض ضوء التذكير بربط حزام الأمان المناسب وإصدار إشارة صوتية متقطعة. بمجرد بدء التسلسل، يستمر طول المدة أو حتى يتم ربط حزامي الأمان. وبعد اكتمال التسلسل، يظل ضوء التذكير بربط حزام الأمان مضاءً حتى يتم ربط أحزمة الأمان. يجب أن يطلب السائق من جميع الركاب الآخرين ربط أحزمة الأمان. في حالة عدم ربط حزام الأمان الأمامي أثناء السير بسرعة تتجاوز 8 كم/ساعة (5 أميال/ساعة)، سيُصدر نظام BeltAlert تنبيهًا صوتيًا ومرئيًا.

ولا يكون نظام BeltAlert الخاص بمقعد الراكب الأمامي نشطًا عند عدم وجود راكب في المقعد الأمامي. قد يتم تشغيل نظام BeltAlert عند وجود حيوان أو شيء ثقيل فوق مقعد الراكب الأمامي أو عند طي المقعد بشكل مسطح (إذا كانت السيارة مزودة بذلك). يُوصى بتثبيت الحيوانات في المقعد الخلفي (إذا كانت السيارة مزودة بذلك) في حاملات الحيوانات الأليفة التي يتم ربطها بأحزمة الأمان، وتخزين الحمولة بشكل سليم.

يمكن تنشيط ميزة BeltAlert أو إلغاء تنشيطها بواسطة الوكيل المعتمد. لا تُوصي شركة Chrysler Group LLC بإلغاء تنشيط نظام BeltAlert.

ملاحظة: إذا تم إلغاء تنشيط ميزة BeltAlert، فسوف يستمر ضوء التذكير بربط حزام الأمان في الإضاءة أثناء استمرار عدم ربط حزام مقعد السائق أو الراكب الأمامي الخارجي (إذا كانت السيارة مزودة بميزة BeltAlert).

نظام التذكير بربط الحزام المقعد الخلفي BeltAlert - إذا كانت السيارة مزودة بذلك

يوضح نظام التذكير بربط الحزام المقعد الخلفي BeltAlert للسائق ما إذا كانت أحزمة الأمان في المقعد الخلفي مربوطة أم غير مربوطة. عندما يكون مفتاح التشغيل في وضع START (بدء التشغيل) أو وضع ON/RUN (التشغيل/الانطلاق) يضيء ضوء التذكير بربط حزام الأمان لكل موضع بالمقاعد الخلفية. إذا تم ربط حزام الأمان، فسوف يضئ ضوء هذا الموضع بلون أخضر ثابت. في حالة عدم ربط حزام الأمان، يضئ الضوء باللون الأحمر. إذا كان الراكب الخلفي بفك حزام المقعد الذي تم ربط في بداية الرحلة، فسوف تصدر إشارة صوتية واحدة وسوف يتغير لون ضوء التذكير بربط حزام المقعد لهذا

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ملصق التحذير في حاجب الشمس للراكب الأمامي

2. إذا كان من الضروري أن يجلس الأطفال الذين تتراوح أعمارهم من سنتين إلى 12 سنة (ليس في نظام تثبيت الأطفال المتجه للخلف) في مقعد الراكب الأمامي، فحرّك المقعد إلى أقصى الخلف واستخدم نظام تثبيت الأطفال المناسب. (راجع "أنظمة تثبيت الأطفال")

3. بالنسبة للأطفال صغار الحجم الذين لا يمكنهم ارتداء حزام الأمان الخاص بالسيارة بشكل صحيح (راجع "أنظمة تثبيت الأطفال")، فينبغي تثبيتهم في المقعد الخلفي في أنظمة تثبيت الأطفال، أو في مقاعد الرفع المزودة بإمكانية تغيير وضع الحزام. وبالنسبة للأطفال الأكبر سنًا والذين لا يستخدمون أنظمة تثبيت الأطفال، أو مقاعد الرفع المزودة بإمكانية تغيير وضع الحزام، فينبغي إجلاسهم في المقعد الخلفي بالسيارة مع تأمينهم.

4. لا تدع الأطفال يضعون حزام الكتف خلفهم أو تحت ذراعهم أبدًا.

5. ينبغي قراءة التعليمات المتوفرة مع نظام تثبيت الأطفال للتأكد من استخدام المقعد بصورة صحيحة.

6. ينبغي على جميع الركاب ربط أحزمة الأمان دومًا بصورة صحيحة.

7. يجب دفع مقعدي السائق والراكب الأماميين إلى أبعد مسافة ممكنة إلى الخلف لتوفير مسافة كافية للوسائد الهوائية الأمامية المتقدمة في حالة انتفاخها.

8. لا تتكئ على الباب أو النافذة. إذا كانت السيارة مزودة بوسائد هوائية جانبية، وحدث انتفاخ لها، فستنتفخ الوسائد الهوائية الجانبية بقوة في الفراغ الذي يكون بينك وبين الباب وقد تتسبب في حدوث إصابة.

9. إذا كانت هناك حاجة لتعديل نظام الوسائد الهوائية الموجود في هذه السيارة لاستيعاب شخص معاق، فاتصل بمركز العملاء. تتوفر أرقام الهاتف في "إذا احتجت للمساعدة."

تحذير!

- لا تضع نظام تثبيت الأطفال المتجه إلى الخلف أمام وسادة هوائية مطلقًا. حيث قد تتسبب الوسادة الهوائية الأمامية المتقدمة المنتفخة للراكب في وفاة طفل يبلغ 12 عامًا أو أصغر، بما في ذلك الطفل الموجود في نظام تثبيت الأطفال المتجه إلى الخلف، أو إصابته بإصابة خطيرة.
- استخدم فقط نظام تثبيت الأطفال المتجه نحو الخلف في السيارات ذات المقعد الخلفي.

أنظمة أحزمة الأمان

اربط حزام الأمان حتى لو كنت سائقًا ماهرًا، حتى عند القيادة لمسافات قصيرة. فقد تواجه من لا يتقن القيادة ويعرضك لحادث تصادم. وقد يحدث هذا بعيدًا عن المنزل أو في الشارع الذي تقيم فيه.

- **وهناك أيضًا مستشعرات للضغط مركبة على جانب باب المؤخرة. ويؤدي الضغط الخفيف على أي جزء من هذه الوحدات إلى إعادة باب المؤخرة إلى الوضع المفتوح.**
- **يجب أن يكون باب المؤخرة العامل بالطاقة في وضع الفتح الكامل لكي يعمل زر إغلاق باب المؤخرة الموجود على الكسوة الخلفية اليسرى، بالقرب من فتحة باب المؤخرة. إذا لم يكن باب المؤخرة مفتوحًا بالكامل، فاضغط على زر باب المؤخرة بحافظة المفاتيح لفتح باب المؤخرة بالكامل، ثم اضغط عليه مرة أخرى للإغلاق.**
- **إذا تم الضغط على مفتاح تحرير باب المؤخرة الإلكتروني أثناء غلق باب المؤخرة العامل بالطاقة فسيرجع باب المؤخرة إلى وضع الفتح الكامل.**
- **إذا تم الضغط على مفتاح تحرير باب المؤخرة الإلكتروني أثناء فتح باب المؤخرة، فسيتوقف تشغيل موتور باب المؤخرة للسماح بالتشغيل اليدوي.**
- **إذا كانت هناك عدة عوائق تعترض طريق باب المؤخرة العامل بالطاقة في عملية تشغيل واحدة، فسوف يتوقف الباب أوتوماتيكيًا ويجب فتح باب المؤخرة أو غلقه باليد.**
- **في حالة الإغلاق الكهربي لباب المؤخرة وتعشيق السيارة في أحد التروس، سيستمر الإغلاق الكهربي لباب المؤخرة. ولكن قد ينتج عن حركة السيارة اكتشاف وجود عائق.**

تحذير!

- إن ترك باب المؤخرة مفتوحًا أثناء القيادة يمكن أن يسمح بدخول غازات العادم السامة داخل السيارة. يمكن أن تسبب هذه الأدخنة الأذى لك وللركاب. احتفظ بباب المؤخرة في حالة إغلاق عند تشغيل السيارة.
- إذا كانت هناك حاجة ماسة إلى ترك باب المؤخرة مفتوحًا أثناء القيادة، فتأكد من غلق جميع النوافذ واضبط مفتاح مروحة التحكم في الهواء على وضع السرعة العالية. ولا تستخدم وضع إعادة التدوير.

أنظمة تثبيت الركاب

من أهم مميزات السلامة الموجودة في سيارتك أنظمة التثبيت والتي تتضمن:

- أنظمة أحزمة الأمان
- أنظمة التثبيت الإضافي (SRS) - الوسائد الهوائية
- أنظمة تثبيت الأطفال

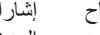
احتياطات السلامة الهامة

يُرجى الانتباه للمعلومات الواردة في هذا الجزء من الدليل. حيث إنها تبين لك كيفية استخدام نظام ربط الأحزمة بصورة صحيحة للحفاظ على سلامتك وسلامة الركاب بأقصى قدر ممكن.

وفيما يلي بعض الخطوات البسيطة التي بإمكانك اتباعها لتقليل خطورة الإصابات من الوسادة الهوائية المنتفخة إلى أدنى حد ممكن:

1. يجب تثبيت الأطفال الذين تصل أعمارهم إلى 12 عامًا أو أقل دائمًا بصورة صحيحة في السيارات ذات المقعد الخلفي.

باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك



يمكن فتح باب المؤخرة العامل بالطاقة بالضغط على مفتاح تحرير باب المؤخرة الإلكتروني (راجع نظام الدخول دون مفتاح Keyless Enter-N-Go™ الموجود في قسم "أمور يجب أن تعرفها قبل تشغيل سيارتك") أو بالضغط على زر باب المؤخرة في جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE). اضغط على زر باب المؤخرة في جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) مرتين متتاليتين خلال 5 ثوان لفتح باب المؤخرة العامل بالطاقة. بمجرد فتح باب المؤخرة، يؤدي الضغط مرتين على الزر خلال 5 ثوان للمرة الثانية إلى غلقه.

يمكن أيضًا فتح أو غلق باب المؤخرة العامل بالطاقة بالضغط على زر باب المؤخرة الموجود على الجانب الأيسر من عجلة القيادة على لوحة أجهزة القياس أو الإغلاق بالضغط على زر باب المؤخرة الموجود على لوحة الكسوة الخلفية اليسرى بالقرب من فتحة باب المؤخرة. يؤدي الضغط لمرة واحدة على زر باب المؤخرة الموجود على لوحة الكسوة الخلفية اليسرى إلى إغلاق باب المؤخرة فقط، ولا يمكن استخدام هذا الزر لفتح باب المؤخرة.

عند الضغط على زر باب المؤخرة على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) مرتين، تومض إشارات الانعطاف مرتين للإشارة إلى فتح أو إغلاق باب المؤخرة (في حالة تمكين وميض الأضواء عند القفل في إعدادات نظام ®Uconnect) ويمكن سماع إشارة صوتية لباب المؤخرة. لمزيد من المعلومات، راجع "نظام ®Uconnect" في "فهم لوحة أجهزة القياس".

ملاحظة:

- **في حالة حدوث خلل كهربي في باب المؤخرة، يمكن استخدام مفتاح التحرير في حالات الطوارئ لمزلاج باب المؤخرة لفتح باب المؤخرة. ويمكن الوصول لزر تحرير مزلاج باب المؤخرة من خلال الغطاء الموجود على لوحة كسوة باب المؤخرة.**
- **في حالة ترك باب المؤخرة مفتوحًا لفترة طويلة من الوقت، قد يحتاج باب المؤخرة إلى إغلاقه يدويًا لإعادة تعيين وظيفة باب المؤخرة.**

تحذير!

أثناء التشغيل العامل بالطاقة، قد تحدث إصابة شخصية أو تتلف الحمولة. تأكد من إخلاء مسار باب المؤخرة. وتأكد من غلق باب المؤخرة وأنه مغلق بالمزلاج قبل البدء بقيادة السيارة.

ملاحظة:

- **لن تعمل أزرار باب المؤخرة العامل بالطاقة إذا كان السيارة معشقة في أحد التروس أو إذا كانت سرعة السيارة أعلى من 0 كم/الساعة (0 ميل في الساعة).**
- **لن يعمل باب المؤخرة العامل بالطاقة في درجات حرارة أدنى من -30 درجة مئوية (-22 درجة فهرنهايت) أو درجات حرارة أعلى من 65 درجة مئوية (150 درجة فهرنهايت). وتأكد من إزاحة أية تراكمات ثلجية أو جليدية من باب المؤخرة قبل الضغط على أي ز مفتاح من مفاتيح التحكم بباب المؤخرة العامل بالطاقة.**
- **إذا كان هناك أي عائق يعترض طريق الباب الجانبي المنزلق الكهربي عند غلقه أو فتحه، فإن الباب يعود أوتوماتيكيًا إلى وضع الغلق أو الفتح بشرط أن يتعرض لمقاومة كافية.**

باب المؤخرة

لإلغاء قفل/دخول باب المؤخرة

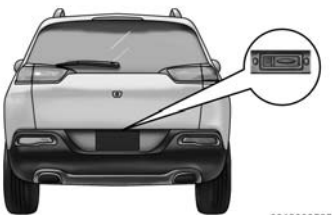
تعد ميزة إلغاء قفل نظام الدخول غير النشط لباب المؤخرة ميزة مدمجة في مفتاح تحرير باب المؤخرة الإلكتروني. مع وجود جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) صالح في نطاق 3 أقدام (1.0 متر) من باب المؤخرة، اضغط على مفتاح تحرير باب المؤخرة الإلكتروني لفتحه بحركة واحدة سريعة.

ملاحظة: في حالة برمجة "Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى) في مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID) (إذا كانت السيارة مزودة بذلك)، يتم إلغاء جميع الأبواب عندما تضغط على مفتاح التحرير الإلكتروني الموجود على باب المؤخرة. في حالة برمجة "Unlock Driver Door 1st press" (إلغاء قفل باب السائق عند الضغطة الأولى) في نظام ®Uconnect، سيتم إلغاء قفل باب المؤخرة عندما تقوم بالضغط على مفتاح التحرير الإلكتروني باب المؤخرة. للتعرف على مزيد من المعلومات، راجع "نظام ®Uconnect" في "فهم لوحة أجهزة القياس".

لقفل باب المؤخرة

مع وجود جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) صالح في نطاق 3 أقدام (1.0 متر) من باب المؤخرة، اضغط على زر قفل الدخول النشط الموجود على يمين مفتاح تحرير باب المؤخرة الإلكتروني.

ملاحظة: سيعمل زر قفل الدخول النشط لباب المؤخرة على قفل باب المؤخرة فقط، حيث إن ميزة إلغاء قفل باب المؤخرة ميزة مدمجة في مفتاح التحرير الإلكتروني بباب المؤخرة.



الدخول من باب المؤخرة

ملاحظة: استخدم مفتاح قفل الباب العامل بالطاقة على لوحة كسوة الباب الأمامي أو على جهاز إرسال نظام فتح الأبواب عن بُعد (RKE) لقفل أو فتح باب المؤخرة. لن تقوم أقفال الأبواب اليدوية على الأبواب وأسطوانة قفل باب السائق بقفل أو إلغاء قفل باب المؤخرة.

تحذير!

إن ترك باب المؤخرة مفتوحًا أثناء القيادة يمكن أن يسمح بدخول غازات العادم السامة داخل السيارة. يمكن أن تسبب هذه الأدخنة الأذى لك وللركاب. احتفظ بباب المؤخرة في حالة إغلاق عند تشغيل السيارة.

لغلق النافذة بشكل جزئي، قم برفع مفتاح النافذة وصولاً إلي الحابسة الأولى ثم حرره عندما ترغب في إيقاف النافذة عند هذا الحد.

ملاحظة:

- **إذا ما واجهت النافذة أي عائق من العوائق أثناء عملية الرفع الأوتوماتيكي، فستعكس اتجاه حركتها وتعود للأسفل. قم بإزالة العوائق واستخدم مفتاح النافذة مرة أخرى لغلق النافذة.**
- **قد يؤدي أي تصادم ناجم عن ظروف القيادة على طرق وعرة إلى تشغيل وظيفة الرجوع العكسي الأوتوماتيكي على نحو فجائي أثناء عملية الإغلاق الأوتوماتيكي. في حالة حدوث مثل هذا الأمر، اسحب المفتاح برفق وصولًا إلى الحابسة الأولى وثبته في هذا الوضع لإغلاق النافذة يدويًا.**

تحذير!

عندما توشك النافذة على الغلق، فإن ميزة الحماية ضد الضغط لا تتوافر. يجب التأكد من إزاحة جميع العوائق من أمام النافذة قبل القيام بغلقها.

إعادة ضبط ميزة الرفع الأوتوماتيكي

إذا توقفت ميزة رفع النافذة أوتوماتيكيًا، فقد تكون النافذة في حاجة إلى إعادة الضبط. لإعادة ضبط ميزة الرفع الأوتوماتيكي:

1. اسحب مفتاح النافذة لأعلى لإغلاق النافذة بالكامل واستمر في الضغط على المفتاح لأعلى لثانيتين إضافيتين بعد إغلاق النافذة.

2. اضغط على مفتاح النافذة لأسفل بقوة إلى الحابسة الثانية لفتح النافذة بالكامل، واستمر في الضغط على المفتاح لأسفل لثانيتين إضافيتين بعد الفتح الكامل للنافذة.

مفتاح قفل النوافذ

يتيح مفتاح قفل النوافذ على لوحة كسوة باب السائق تعطيل عمل مفاتيح تحكم النوافذ الموجودة على أبواب الركاب الخلفيين. لتعطيل مفاتيح تحكم النوافذ، اضغط على زر قفل النافذة وحرره (اجعله في الوضع السفلي). لتمكين مفاتيح تحكم النوافذ، اضغط على زر قفل النافذة وحرره مرة أخرى (اجعله في الوضع العلوي).

مفتاح قفل النوافذ

اهتزاز السيارة بسبب هبوب الرياح

يمكن وصف اهتزاز السيارة بسبب هبوب الرياح كالضغط المسلط على الأذن أو كصوت طائرات الهليكوبتر. قد تتعرض سيارتك للاهتزاز بفعل الرياح أثناء خفض زجاج النوافذ أو فتح السقف المتحرك فتحًا كليًا أو جزئيًا. ويعتبر ذلك أمرًا طبيعيًا ومن الممكن تقليل تأثيره. إذا حصل اهتزاز السيارة بسبب هبوب الرياح عند فتح النافذتين الخلفيتين، فافتح النوافذ الأمامية والخلفية في الوقت نفسه لتقليل تأثير الرياح. في حالة تعرض السيارة للاهتزاز بفعل الرياح أثناء فتح السقف المتحرك، فاضبط السقف المتحرك لتقليل قوة هبوب الرياح أو افتح زجاج أي نافذة.

مفاتيح النوافذ العاملة بالطاقة

توجد مفاتيح تحكم لكل نافذة على حدة على لوح كسوة كل باب من أبواب الركاب والتي تعمل على تشغيل نوافذ هذه الأبواب. لن تعمل مفاتيح التحكم في النوافذ إلا إذا كان قرص التشغيل في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق).

ملاحظة: بالنسبة للسيارات المزودة بنظام ®Uconnect، ستظل مفاتيح النوافذ العاملة بالطاقة نشطة لمدة تصل إلى 10 دقائق بعد إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة. يعتبر الوقت قابلاً للبرمجة. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

تحذير!

لا تترك الأطفال بمفردهم داخل السيارة مطلقًا، ولا تسمح للأطفال بالعبث في النوافذ العاملة بالطاقة. لا تترك حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه، ولا تترك سيارة مزودة بميزة الدخول دون مفتاح Keyless Enter-N-Go™ في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فقد تنغلق النوافذ على يد الركاب وخاصة الأطفال عند استخدام مفاتيح النوافذ العاملة بالطاقة. وقد يسفر ذلك عن إصابات خطيرة أو الوفاة.

ميزة الإنزال الأوتوماتيكي

تم تزويد كل من مفتاح النافذة العاملة بالطاقة لباب السائق، ومفاتيح النوافذ العاملة بالطاقة لأبواب الركاب في بعض الطُرز بوظيفة الإنزال الأوتوماتيكي. اضغط على مفتاح النافذة إلى الحابسة الثانية، ثم حرره وستفتح النافذة أوتوماتيكيًا.

لفتح النافذة جزئيًا، قم بالضغط على مفتاح النافذة وصولاً إلى الحابسة الأولى وقم بتحريره عندما ترغب في إيقاف النافذة عند هذا الحد.

لمنع النافذة من النزول الكامل لأسفل أثناء تشغيل ميزة الإنزال الأوتوماتيكي، قم بجذب المفتاح لأعلى لفترة وجيزة.

ميزة الرفع الأوتوماتيكي لأعلى مع الحماية ضد الانضغاط

قم برفع مفتاح النافذة وصولاً إلى الحابسة الثانية، ثم حرره لترتفع النافذة لأعلى أوتوماتيكيًا.

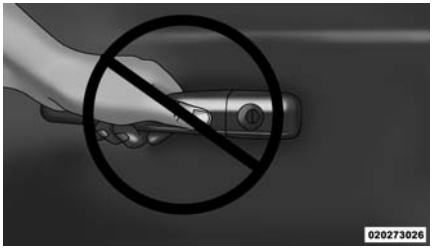
لمنع النافذة من الارتفاع الكامل لأعلى أثناء تشغيل ميزة التشغيل الأوتوماتيكي، اضغط على المفتاح لأسفل لفترة وجيزة.

لقفل أبواب السيارة وباب المؤخرة

باستخدام أحد أجهزة إرسال نظام فتح الأبواب عن بُعد (RKE) لنظام الدخول غير النشط الخاصة بالسيارة ضمن مسافة 1.5 متر (5 أقدام) من جانب مقابض باب السائق أو الراكب الأمامي، اضغط على زر القفل بمقبض الباب لقفل الأبواب الأربعة.

لا تمسك بمقبض الباب، عند الضغط على زر قفل مقبض الباب. حيث سيؤدي ذلك إلى إلغاء قفل الباب (الأبواب).

اضغط على زر مقبض الباب للقفل



لا تقم بامساك المقبض عندما يكون مقفلاً

ملاحظة:

- **بعد الضغط على زر مقبض الباب، يجب الانتظار لمدة ثانيتين قبل أن يمكن قفل الأبواب أو إلغاء قفلها، باستخدام أي من مقبضي باب الدخول غير النشط. ويتم هذا لكي تتمكن من التعرف على ما إذا تم قفل السيارة عن طريق سحب مقبض الباب، دون تفاعل السيارة وإلغاء القفل.**
- **في حالة تعطيل نظام الدخول غير النشط باستخدام نظام ®Uconnect، ستظل حماية المفتاح الموضحة في "منع القفل غير المتعمد لجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لنظام الدخول غير النشط في السيارة" نشطة/قابلة للعمل.**
- **ولن يعمل نظام الدخول غير النشط في حالة نفاد شحنة بطارية جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE).**

كما يمكن أيضًا قفل أبواب السيارة باستخدام زر القفل الموجود في لوحة الباب الداخلية بالسيارة.

النوافذ

النوافذ العاملة بالطاقة

تتحكم مفاتيح التحكم في النافذة الموجودة على باب السائق في جميع نوافذ الأبواب الأخرى.

ملاحظة: ستقوم السيارة بإلغاء قفل الأبواب عند اكتشاف جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لنظام الدخول غير النشط داخل السيارة، ولم يتم اكتشاف جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لنظام الدخول غير النشط خارج السيارة. لن تقوم السيارة بإلغاء قفل الأبواب في حالة حدوث أي من الحالات التالية:

- **تم قفل الأبواب يدويًا باستخدام مقابض قفل الباب.**
- **يوجد جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) صالح لنظام الدخول غير النشط خارج السيارة على بُعد 1.5 متر (5 أقدام) من أي من مقابض أبواب نظام الدخول غير النشط.**
- **تم إجراء ثلاث محاولات لقفل الأبواب باستخدام مفتاح لوحة الباب ثم تم إغلاق الأبواب**

لإلغاء قفل/دخول باب المؤخرة

تعد ميزة إلغاء قفل نظام الدخول غير النشط لباب المؤخرة ميزة مدمجة في مفتاح تحرير باب المؤخرة الإلكتروني. مع وجود جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) صالح في نطاق 3 أقدام (1.0 متر) من باب المؤخرة، اضغط على مفتاح تحرير باب المؤخرة الإلكتروني لفتحه بحركة واحدة سريعة.

ملاحظة: في حالة برمجة "Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى) في مركز معلومات السيارة الإلكتروني (EVIC)/ شاشة عرض معلومات السائق (DID) (إذا كانت السيارة مزودة بذلك)، يتم إلغاء جميع الأبواب عندما تضغط على مفتاح التحرير الإلكتروني الموجود على باب المؤخرة. في حالة برمجة "Unlock Driver Door 1st press" (إلغاء قفل باب السائق عند الضغطة الأولى) في نظام ®Uconnect، سيتم إلغاء قفل باب المؤخرة عندما تقوم بالضغط على مفتاح التحرير الإلكتروني باب المؤخرة. للتعرف على مزيد من المعلومات، راجع "نظام ®Uconnect" في "فهم لوحة أجهزة القياس".

لقفل باب المؤخرة

مع وجود جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) صالح في نطاق 3 أقدام (1.0 متر) من باب المؤخرة، اضغط على زر قفل الدخول النشط الموجود على يمين مفتاح تحرير باب المؤخرة الإلكتروني.

ملاحظة: سيعمل زر قفل الدخول النشط لباب المؤخرة على قفل باب المؤخرة فقط، حيث إن ميزة إلغاء قفل باب المؤخرة ميزة مدمجة في مفتاح التحرير الإلكتروني بباب المؤخرة.

موقع مفتاح تحرير باب المؤخرة الإلكتروني/نظام الدخول غير النشط لباب المؤخرة

ملاحظة: في حالة برمجة "Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى)، يتم فتح جميع الأبواب عند مسك مقبض باب السائق الأمامي. للتحديد بين "Unlock Driver Door 1st Press" (إلغاء قفل باب السائق عند الضغطة الأولى) و"Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عن الضغطة الأولى)، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

لإلغاء القفل من جانب الراكب

باستخدام جهاز إرسال نظام فتح الأبواب عن بُعد (RKE) صالح لنظام الدخول غير النشط ضمن مسافة 1.5 متر (5 أقدام) من مقبض باب الراكب، أمسك مقبض باب الراكب الأمامي لإلغاء قفل جميع الأبواب الأربعة وباب المؤخرة أوتوماتيكيًا.

ملاحظة: سيتم إلغاء قفل جميع الأبواب عند مسك مقبض باب الراكب الأمامي بغض النظر عن الإعداد المفضل لإلغاء قفل باب السائق ("Unlock Driver Door 1st Press" (إلغاء قفل باب السائق عند الضغطة الأولى) و"Unlock All Doors 1st Press" (إلغاء قفل جميع الأبواب عند الضغطة الأولى)).

منع القفل غير المتعمد لجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لنظام الدخول غير النشط في السيارة (الحافظة ذات المفتاح المدمج (FOBIK) الآمنة)

لتقليل احتمالية قفل جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لنظام الدخول غير النشط بشكل غير متعمد داخل السيارة، تم تزويد نظام الدخول غير النشط بميزة إلغاء قفل الباب أوتوماتيكيًا التي تعمل إذا كان قرص التشغيل في وضع OFF (إيقاف التشغيل).

تعمل الحافظة ذات المفتاح المدمج (FOBIK) الآمنة فقط في السيارات المزودة بنظام الدخول غير النشط. هناك ثلاث حالات تنشط بحث الحافظة ذات المفتاح المدمج (FOBIK) الآمنة في أي نظام دخول غير نشط في السيارة:

1. قام جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) صالح لنظام الدخول غير النشط بطلب قفل أثناء وجود أحد الأبواب مفتوحًا.
2. طلب قفل من قِبل مقبض باب الدخول غير النشط أثناء وجود الباب مفتوحًا.
3. طلب قفل من قِبل مفتاح لوحة الباب أثناء وجود الباب مفتوحًا.

عند حدوث أي من هذه الحالات، بعد إغلاق جميع الأبواب المفتوحة، سيتم تنفيذ بحث الحافظة ذات المفتاح المدمج (FOBIK) الآمنة. إذا عُثر على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لنظام الدخول غير النشط داخل السيارة، لم يتم العثور على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لنظام الدخول غير النشط خارج السيارة، فسيتم إلغاء قفل السيارة لتنبيه العميل.

ملاحظة:

- **عندما يتم تعشيق نظام قفل حماية الأطفال، فإنه لا يمكن فتح الباب إلا عن طريق مقبض الباب الخارجي فقط حتى لو كان قفل الباب بداخل السيارة في وضع إلغاء القفل.**
- **بعد فصل نظام قفل الأبواب لحماية الأطفال، قم دائمًا باختبار الباب من الداخل للتأكد من وجوده في الوضع المطلوب.**
- **بعد ضبط نظام قفل الأبواب لحماية الأطفال، اختبر الباب من الداخل دائمًا للتأكد من وجوده في الموضع المطلوب.**
- **بالنسبة للخروج في حالات الطوارئ في حالة تشغيل النظام، حرك مقبض قفل الأبواب للأعلى (في وضع إلغاء القفل)، ثم اخفض الزجاج وافتح الباب بواسطة مقبض الباب الخارجي.**

تحذير!

تجنب احتجاز أي شخص داخل السيارة عند وقوع تصادم. تذكر أنه يمكن فتح الأبواب الخلفية فقط من الخارج عند تعشيق أقفال حماية الأطفال.

ميزة الدخول دون مفتاح KEYLESS ENTER-N-GO™

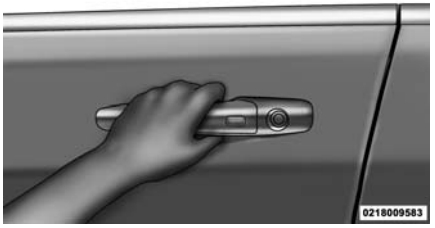
نظام الدخول غير النشط هو عبارة عن تحسين تم إدخاله على نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) في السيارة وميزة الدخول دون مفتاح Keyless Enter-N-Go™. تتيح لك هذه الميزة قفل باب (أبواب) السيارة وإلغاء قفلها دون الحاجة إلى الضغط على أزرار القفل أو إلغاء القفل بجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE).

ملاحظة:

- **يمكن برمجة نظام الدخول غير النشط على ON/OFF (التشغيل/إيقاف التشغيل)، راجع "إعدادات نظام Uconnect®" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.**
- **في حالة ارتدائك لقفازين، أو في حالة هطول الأمطار على مقبض باب دخول غير نشط، قد تتأثر حساسية إلغاء القفل، مما يؤدي إلى بطء وقت الاستجابة.**
- **في حالة إلغاء قفل السيارة باستخدام مقبض باب دخول غير نشط وعدم فتح أي باب في خلال 60 ثانية، سوف تتم إعادة قفل السيارة وسوف يتم تنشيط إنذار السرقة إذا كانت السيارة مزودة بذلك.**

لإلغاء القفل من جانب السائق

باستخدام جهاز إرسال نظام فتح الأبواب عن بُعد (RKE) صالح لنظام الدخول غير النشط ضمن مسافة 1.5 متر (5 أقدام) من مقبض باب السائق، أمسك مقبض باب السائق الأمامي لإلغاء قفل باب السائق أوتوماتيكيًا.



أمسك مقبض الباب لإلغاء القفل

عند الضغط على مفتاح قفل الباب العامل بالطاقة عندما يكون مفتاح التشغيل في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق) وحينما يكون أحد الأبواب الأمامية مفتوحًا، لن تعمل الأقفال العاملة بالطاقة. ويعمل ذلك على حمايتك من قفل الأبواب سهوًا وترك حافظة المفاتيح داخل السيارة. تسمح إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل) أو إغلاق الباب للأقفال بالعمل. إذا كان أحد الأبواب مفتوحًا، ومفتاح التشغيل في الوضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق)، فسوف ينطلق تنبيه صوتي كتذكير لإخراج حافظة المفاتيح.

أقفال الأبواب الأوتوماتيكية - إذا كانت السيارة مزودة بذلك

الحالة الافتراضية لميزة قفل الأبواب الأوتوماتيكية مُمكّنة. عند تمكين هذه الميزة، ستعمل أقفال الأبواب على قفل الأبواب أوتوماتيكيًا عندما تتجاوز سرعة السيارة 24 كم/ساعة (15 ميلاً/ساعة). يمكن تمكين ميزة قفل الأبواب أوتوماتيكيًا أو تعطيلها بواسطة وكيلك المعتمد أو من خلال إعدادات نظام ®Uconnect في الراديو.

إلغاء القفل الأوتوماتيكي للأبواب عند الخروج

سيتم إلغاء قفل الأبواب أوتوماتيكيًا في السيارات المزودة بأقفال عاملة بالطاقة في الحالات التالية:

1. تمكين ميزة إلغاء القفل الأوتوماتيكي للأبواب عند الخروج.
2. إغلاق جميع الأبواب.
3. ذراع ناقل الحركة ليس في وضع PARK (التوقف)، ثم في وضع PARK (التوقف).
4. أحد الأبواب مفتوح.

برمجة ميزة إلغاء القفل الأوتوماتيكي للأبواب عند الخروج

لتغيير الإعداد الحالي، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

ملاحظة: استخدام ميزة إلغاء القفل للأبواب أوتوماتيكيًا عند الخروج وفقًا للقوانين المحلية.

نظام قفل الأبواب لحماية الأطفال - الأبواب الخلفية

لحماية الأطفال الجالسين في المقاعد الخلفية تم تزويد الأبواب الخلفية بنظام قفل الأبواب لحماية الأطفال.

لاستخدام النظام، افتح كل من البابين الخلفيين، استخدم مفكًا ذا شفرة مسطحة (أو مفتاح التشغيل) وأدر القرص إلى وضع LOCK (القفل) أو UNLOCK (إلغاء القفل). عند تعشيق النظام في أحد الأبواب؛ يمكن فتح هذا الباب فقط بواسطة مقبض الباب الخارجي حتى إذا كان قفل الباب الداخلي في وضع إلغاء القفل.

وظيفة قفل الأبواب لحماية الأطفال

إذا كان زر قفل الباب في وضع القفل (لا يظهر المؤشر الأحمر) عند غلق الباب، فسيتم قفل الباب. لذلك يجب التأكد من أن حافظة المفاتيح ليست داخل السيارة قبل إغلاق الباب.

ملاحظة: لن تقوم أقفال الباب العاملة بالطاقة بقفل أو إلغاء قفل باب المؤخرة.

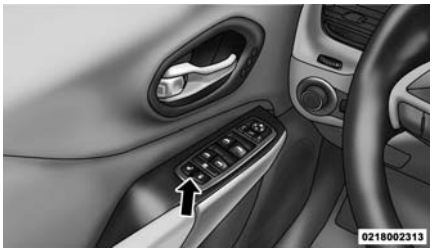
تحذير!
- اقفل الأبواب دائمًا عند قيادة السيارة وعند إيقافها وكذلك عند مغادرتها من أجل الحفاظ على سلامتك الشخصية وتوفير الأمان لك في حالة وقوع تصادم.
- عند مغادرة السيارة، قم دائمًا بإخراج حافظة المفاتيح من السيارة وقم بقفل السيارة. حيث قد يؤدي استخدام معدات السيارة دون إشراف إلى الإصابة بإصابات شخصية بالغة أو الوفاة.

(تابع)

تحذير! (تابع)
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة. يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. وعليه فيجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.
- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه، ولا تترك سيارة مزودة بميزة الدخول دون مفتاح Keyless Enter-N-Go™ في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.

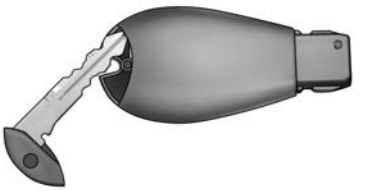
أقفال الأبواب العاملة بالطاقة

يوجد مفتاح قفل باب عامل بالطاقة على كل لوحة من لوحات كسوة الأبواب الأمامية. استخدم هذا المفتاح لقفل أو إلغاء قفل الأبواب وباب المؤخرة.



مفتاح قفل الباب العامل بالطاقة

يمكن أيضًا قفل الأبواب وإلغاء قفلها باستخدام نظام الدخول دون مفتاح Keyless Enter-N-Go™ (الدخول غير النشط). لمزيد من المعلومات، راجع "ميزة الدخول دون مفتاح Keyless Enter-N-Go™" في "أمور يجب أن تعرفها قبل تشغيل سيارتك".



021334199

فصل علبة جهاز إرسال وحدة نقطة التشغيل (IGNM)

0213004940

فصل علبة جهاز إرسال نقطة التشغيل دون مفاتيح (KIN)

3. أخرج البطارية عن طريق قلب الغطاء الخلفي (بحيث تتجه البطارية لأسفل) واضغط عليها برفق على شيء صلب كطاولة أو ما شابه، ثم استبدل البطارية. عند استبدال البطارية، قم بمطابقة العلامة + على البطارية بالعلامة + على الجزء الداخلي من مشبك البطارية الموجود على الغطاء الخلفي. تجنب لمس البطارية الجديدة بأصابعك. فقد تسبب المواد التي يفرزها الجلد تلف البطارية. وإذا لمست البطارية، فنظفها بالكحول.

4. لتجميع علبة جهاز إرسال نظام فتح الأبواب عن بُعد من دون مفاتيح (RKE)، قم بتركيب كلا النصفين معًا.

معلومات عامة

تعمل أجهزة الإرسال والاستقبال على تردد حامل يبلغ 433.92 ميجا هرتز. ويخضع تشغيل جهاز الإرسال إلى الشرطين التاليين:

- لا يجوز أن يسبب هذا الجهاز أي تداخل ضار مع أجهزة الإرسال الأخرى.
- يجب أن يقبل هذا الجهاز أي تداخل بما فيه التداخل الذي قد يتسبب في تشغيل غير مرغوب فيه. في حال عدم عمل جهاز الإرسال الخاص بنظام فتح الأبواب عن بُعد دون مفاتيح (RKE) من مسافة عادية، فإنه يجب التحري عن حالة من الحالتين التاليتين:

1. ضعف بطارية جهاز الإرسال. العمر المتوقع للبطارية 3 أعوام على الأقل.

2. التواجد بالقرب من جهاز إرسال لاسلكي مثل برج محطة لاسلكية أو جهاز إرسال المطار وبعض أجهزة الإرسال المتنقلة أو أجهزة الاتصالات اللاسلكية CB.

أقفال الأبواب

أقفال الأبواب اليدوية

لقفل كل باب، أدر مقبض قفل الباب على لوحة الكسوة بكل باب إلى الأمام. لإلغاء قفل البابين الأماميين، اسحب مقبض الباب الداخلي إلى الحابسة الأولى و أدر زر قفل الباب حتى يظهر المؤشر الأحمر. لإلغاء قفل الأبواب الخلفية، أدر زر قفل الباب حتى يظهر المؤشر الأحمر.

برمجة أجهزة إرسال إضافية

يمكن عمل برمجة حافظات المفاتيح أو أجهزة الإرسال لنظام فتح الأبواب عن بُعد دون مفاتيح (RKE) عند وكيل معتمد.

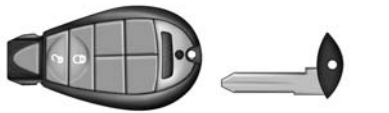
استبدال بطاريات جهاز الإرسال

البطارية البديلة الموصى بها لجهاز الإرسال هي من نوع CR2032.

ملاحظة:

- **مادة البركلورات – التي تتطلب عناية خاصة.**
- **لا تلمس أقطاب البطارية الموجودة في المبيت الخلفي، أو لوحة الدائرة الكهربية المطبوعة.**

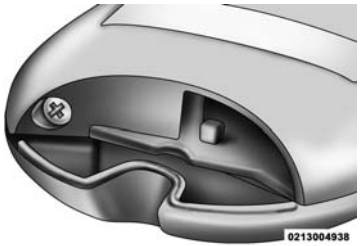
1. أخرج مفتاح الطوارئ عن طريق تحريك المزلاج الميكانيكي الموجود بالجزء الخلفي بجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) إلى الجانب بإبهامك، ثم اسحب المفتاح إلى الخارج بيدك الأخرى.



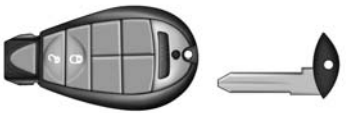
إخراج مفتاح الطوارئ (IGNM)

إخراج مفتاح الطوارئ (KIN)

2. يتطلب فصل نصفي جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) (إذا كانت السيارة مزودة بذلك) إزالة المسمار ورفع نصفي جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) عن بعضهما برفق باستخدام مفتاح الطوارئ. احرص على عدم حدوث أي تلف للغطاء المطاطي أثناء الإزالة.



إزالة المسمار من علبة جهاز الإرسال



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إخراج مفتاح الطوارئ (IGNM)

لإلغاء قفل الأبواب وباب المؤخرة

اضغط مرة واحدة على زر إلغاء القفل الموجود على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) وحرره لإلغاء قفل باب السائق أو مرتين في غضون خمس ثوان لإلغاء قفل جميع الأبواب وباب المؤخرة. تومض أضواء إشارة الانعطاف لتأكيد استقبال إشارة إلغاء القفل. سيعمل أيضًا نظام الإضاءة عند دخول السيارة.

إذا كانت السيارة مزودة بوحدة الدخول غير النشط، فراجع "ميزة الدخول دون مفتاح ™Keyless Enter-N-Go" ضمن "أمور يجب أن تعرفها قبل تشغيل سيارتك" لمزيد من المعلومات.

إلغاء القفل بالضغطة الأولى على حافظة المفاتيح

تتيح لك هذه الميزة برمجة النظام لإلغاء قفل باب السائق أو جميع الأبواب عند أول ضغطة على زر إلغاء القفل على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE). لتغيير الإعداد الحالي، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

وميض الأضواء عند القفل

ستتسبب هذه الميزة في وميض أضواء إشارة الانعطاف عند قفل الأبواب أو إلغاء قفلها بواسطة جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE). يمكن تشغيل هذه الميزة أو إيقاف تشغيلها. لتغيير الإعداد الحالي، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

إضاءة المصابيح الأمامية على الطريق

تقوم هذه الميزة بإضاءة المصابيح الأمامية لمدة 90 ثانية عند فتح الأبواب باستخدام جهاز إرسال نظام فتح الأبواب عن بعد دون مفاتيح (RKE). يمكن برمجة مدة هذه الميزة في السيارات المزودة بنظام ®Uconnect. لتغيير الإعداد الحالي، راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

لقفل الأبواب وباب المؤخرة

اضغط مرة واحدة على زر القفل الموجود على جهاز إرسال نظام فتح الأبواب عن بُعد من دون مفاتيح (RKE) لقفل جميع الأبواب وباب المؤخرة. تومض أضواء إشارة الانعطاف لتأكيد استلام الإشارة.

إذا كانت السيارة مزودة بوحدة الدخول غير النشط، فراجع "ميزة الدخول دون مفتاح ™Keyless Enter-N-Go" ضمن "أمور يجب أن تعرفها قبل تشغيل سيارتك" لمزيد من المعلومات.

تجاوز نظام الأمان يدويًا

لا ينشط إنذار أمان السيارة في حالة قفل الأبواب باستخدام زر قفل الأبواب اليدوي.

نظام الإضاءة عند دخول السيارة

تضيء أضواء الزينة عند استخدام جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لإلغاء قفل الأبواب أو لفتح أحد الأبواب.

تقوم أيضًا هذه الميزة بتشغيل أضواء الاقتراب بالمرايا الخارجية - إذا كانت السيارة مزودة بذلك. راجع "المرايا" في "فهم مزايا سيارتك" للحصول على مزيد من المعلومات.

ستخبو الأضواء حتى تنطفئ تمامًا بعد مرور 30 ثانية تقريبًا أو أنها ستنطفئ مباشرة بمجرد القيام بنقل مفتاح التشغيل من وضع OFF (إيقاف التشغيل) إلى وضع ON/RUN (التشغيل/الانطلاق).

ملاحظة:

- **لا تضيء أضواء الزينة الأمامية في الكونسول العلوي وأضواء الزينة في الباب إذا كان مفتاح التحكم بتعتيم الأضواء في وضع "إلغاء مصباح السقف" (أي إلى الأسفل تمامًا).**
- **لن يعمل نظام الإضاءة عند الدخول إذا كان مفتاح التحكم بتعتيم الأضواء في وضع "إلغاء مصباح السقف" (أي إلى الأسفل تمامًا).**

فتح الأبواب عن بُعد دون مفاتيح (RKE)

يسمح لك نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) بقفل الأبواب أو إلغاء قفلها وفتح باب المؤخرة العامل بالطاقة من مسافة تصل إلى 20 مترًا (66 قدمًا) تقريبًا باستخدام حافظة مفاتيح محمولة باليد مزودة بجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE). وليست هناك حاجة إلى توجيه جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) تجاه السيارة لتشغيل هذا النظام.

ملاحظة: تؤدي القيادة بسرعة 8 كم/ساعة (5 أميال/الساعة) أو سرعة أعلى إلى تعطيل استجابة النظام لجميع أزرار جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) لجميع أجهزة إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE).

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إخراج مفتاح الطوارئ (KIN)

- اضغط على زر LOCK (القفل) الموجود بمقبض باب الدخول غير النشط الخارجي باستخدام حافظة مفاتيح صالحة متوفرة في نفس المنطقة الخارجية (راجع "ميزة الدخول دون مفتاح ™Keyless Enter-N-Go" في "أمور يجب أن تعرفها قبل تشغيل سيارتك" لمزيد من المعلومات).
- اضغط على زر القفل بجهاز إرسال نظام فتح الأبواب عن بُعد (RKE).

3. إذا كان هناك أي من الأبواب مفتوحًا، فقم بإغلاقه.

لإلغاء تنشيط النظام

يمكن إلغاء تنشيط إنذار الأمان في السيارة باستخدام أي من الطرق التالية:

- اضغط على زر UNLOCK (إلغاء القفل) في جهاز إرسال نظام فتح الأبواب عن بُعد (RKE).
- امسك مقبض باب إلغاء قفل الدخول غير النشط باستخدام حافظة مفاتيح صالحة متوفرة في نفس المنطقة الخارجية (إذا كانت السيارة مزودة بذلك)، راجع "ميزة الدخول دون مفتاح ™Keyless Enter-N-Go" في "ما يجب أن تعرفه قبل تشغيل سيارتك" للحصول على مزيد من المعلومات.
- قم بتبديل نظام تشغيل السيارة خارج وضع OFF (إيقاف التشغيل).

إذا كانت السيارة مزودة بميزة الدخول دون مفتاح ™Keyless Enter-N-Go، فاضغط على زر Keyless Enter-N-Go™ Start/Stop (بدء تشغيل/إيقاف نظام الدخول دون مفتاح ™Keyless Enter-N-Go) (يتطلب هذا الأمر وجود حافظة مفاتيح واحدة صالحة في السيارة على الأقل).

بالنسبة للسيارات غير المزودة بميزة الدخول دون مفتاح ™Keyless Enter-N-Go، أدخل مفتاح صالح في قرص التشغيل وأدر المفتاح إلى وضع ON (التشغيل).

ملاحظة:

- **لا يمكن تشغيل إنذار أمان السيارة أو إيقاف تشغيله بواسطة زر أسطوانة مفتاح باب السائق والباب الخلفي الموجود على جهاز إرسال فتح الأبواب عن بُعد دون مفاتيح.**
- **يظل إنذار أمان السيارة قيد التشغيل أثناء الدخول من باب المؤخرة العامل بالطاقة. كما أن ضغط زر باب المؤخرة لن يوقف عمل الإنذار. في حالة تسلل شخص ما إلى السيارة عبر باب المؤخرة وقام بفتح أحد الأبواب، فإن صوت جهاز الإنذار سينطلق.**
- **عند تشغيل إنذار أمان السيارة، لن تقوم مفاتيح أقفال الأبواب العاملة بالطاقة الداخلية بإلغاء قفل الأبواب.**

لقد تم تصميم نظام إنذار أمان السيارة لحماية سيارتك إلا أنك قد تُنشئ بعض الحالات التي تجعل النظام يصدر إنذارًا كاذبًا. إذا حصلت إحدى الحالات الموصوفة سابقًا، فسيتم تشغيل نظام إنذار الأمان في السيارة بغض النظر عن وجودك داخل السيارة أو خارجها. فإذا بقيت في السيارة وفتحت أحد الأبواب، فسيقوم النظام بإصدار صوت الإنذار. إذا حدث ذلك، فقم بتعطيل إنذار أمان السيارة.

إذا كان إنذار أمان السيارة نشطًا وتم فصل البطارية، يستمر عمل الإنذار بعد إعادة توصيل البطارية وتومض الأضواء الخارجية وتصدر آلة التنبيه إشارة صوتية. إذا حدث ذلك، فقم بتعطيل إنذار أمان السيارة.

ملاحظة: عند إجراء خدمات الصيانة لنظام ®Sentry Key، ينبغي جلب جميع مفاتيح السيارة إلى الوكيل المعتمد.

برمجة مفاتيح العملاء

يمكن عمل برمجة حافظات المفاتيح أو أجهزة الإرسال لنظام فتح الأبواب عن بُعد دون مفاتيح (RKE) عند وكيل معتمد.

معلومات عامة

يعمل سنتري كي ®Sentry Key على الموجة الحاملة 433.92 ميجا هرتز. يخضع عمل نظام سنتري كي ®Sentry Key لقفل المحرك للشرطين التاليين:

- لا يجوز أن يسبب هذا الجهاز أي تداخل ضار مع أجهزة الإرسال الأخرى.
- يجب أن يقبل هذا الجهاز كل تداخل بما فيه التداخل الذي قد يتسبب في تشغيل غير مرغوب فيه.

نظام إنذار أمان السيارة - إذا كانت السيارة مزودة بذلك

إن نظام إنذار الأمان للسيارة هذا يراقب أبواب السيارة وغطاء المحرك وباب المؤخرة ومفتاح التشغيل لاكتشاف التشغيل غير المرخص. عندما يكون إنذار أمان السيارة نشطًا، يتم تعطيل المفاتيح الداخلية لأقفال الأبواب ومفتاح تحرير باب المؤخرة. إذا تسبب أي شيء في انطلاق إنذار أمان السيارة، فسوف ينطلق صوت آلة التنبيه لمدة 29 ثانية وتتوقف جميع الإشارات المرئية بعد 31 ثانية إضافية. إذا لم يتم إلغاء تنشيط الجهاز الذي تسبب في صدور صوت الإنذار، فإن آلة التنبيه تنطلق مرة أخرى بعد مضي مهلة مدتها خمس ثوان ولمدة 29 ثانية أخرى. وإذا استمر السبب في انطلاق جهاز الإنذار قائمًا؛ فإن هذه الدورة تتكرر لنحو خمس دقائق.

لتنشيط النظام

اتبع هذه الخطوات لتنشيط إنذار أمان السيارة:

1. تأكد من إدارة مفتاح التشغيل إلى وضع إيقاف التشغيل OFF (راجع "إجراءات بدء التشغيل" في "البدء والتشغيل" للحصول على مزيد من المعلومات).

- بالنسبة للسيارات المزودة بميزة الدخول دون مفتاح Keyless Enter-N-Go™، تأكد من أن نظام التشغيل في وضع OFF (إيقاف التشغيل).
- أما بالنسبة للسيارات غير المزودة بميزة الدخول دون مفتاح Keyless Enter-N-Go™، فتأكد من أن نظام تشغيل السيارة في وضع OFF (إيقاف التشغيل) وأن المفتاح قد تم إخراجه بالفعل من قرص التشغيل.

2. نفذ واحدة من الطرق التالية لقفل السيارة:

- اضغط على زر LOCK (القفل) الموجود بمفتاح قفل الأبواب العاملة بالطاقة الداخلي عندما يكون باب السائق و/أو الراكب مفتوحًا.

نظام ®SENTRY KEY

يمنع نظام ®Sentry Key لإقفال المحرك التشغيل غير المُرخص به للسيارة وذلك عن طريق تعطيل المحرك. لا يحتاج النظام إلى التفعيل أو التنشيط. كما أنه يعمل أوتوماتيكيًا بغض النظر عما إذا كانت السيارة مقفلة أم لا.

يقوم النظام باستخدام حافظة المفاتيح مع جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) الوارد من المصنع ونقطة التشغيل دون مفاتيح (KIN) وجهاز استقبال الإشارة اللاسلكية لمنع التشغيل غير المرخص به للسيارة. ولذلك لا يمكن استخدام أية حافظات مفاتيح أخرى لتشغيل السيارة غير تلك المبرمجة للعمل مع السيارة. لن يسمح النظام بتدوير المحرك في حالة وجود حافظة مفاتيح غير صالحة.

بعد ضبط مفتاح التشغيل على وضع ON/RUN (التشغيل/الانطلاق)، سيضيء ضوء أمان السيارة لمدة ثلاث ثوان للتحقق من تشغيل لمبته. إذا ظل الضوء مضاءً بعد التحقق من المصباح، فهذا يعني أن هناك مشكلة في النظام. وإضافة إلى ذلك، إذا بدأ الضوء في الوميض بعد التحقق من سلامة اللمبة، فهذا يعني أن شخصًا ما قد استخدم حافظة مفاتيح غير صالحة لتشغيل المحرك. تتسبب أي من هذه الحالات في إيقاف تشغيل المحرك بعد ثانيتين.

إذا أضاء ضوء أمان السيارة أثناء التشغيل العادي للسيارة (تشغيل السيارة لمدة أطول من 10 ثوان)، فهذا يعني أن هناك عطل في النظام. وإذا حدث ذلك، فافحص السيارة بأسرع ما يمكن لدى وكيل معتمد.

تنبيه!

- لا تقم بإجراء أي تعديلات أو تغييرات على نظام قفل المحرك. حيث قد يتسبب القيام بأي تغييرات أو تعديلات على نظام قفل المحرك في فقدان الحماية التي يوفرها النظام.
- لا يعمل نظام سنتري كي ®Sentry Key لإقفال المحرك مع بعض أنظمة التشغيل عن بُعد الموجودة في الأسواق. وقد يؤدي استخدام هذه الأنظمة إلى حصول مشاكل في التشغيل وفقدان الحماية التي يوفرها النظام.

إن جميع حافظات المفاتيح المزودة بها سيارتك الجديدة مبرمجة للعمل مع أنظمة السيارة الإلكترونية.

مفاتيح بديلة

ملاحظة: يمكن فقط استخدام حافظات المفاتيح التي تمت برمجتها للعمل مع إلكترونيات السيارة لتشغيل السيارة. وبمجرد برمجة حافظة مفاتيح للعمل مع إحدى السيارات، لا يمكن برمجتها للعمل مع أية سيارة أخرى.

تنبيه!

- أخرج حافظات المفاتيح دومًا من السيارة وقم بقفل جميع الأبواب عند ترك السيارة دون مراقبة.
- بالنسبة للسيارات المزودة بنظام دخول السيارة دون مفتاح ™Keyless Enter-N-Go، تذكر دومًا ضبط قرص التشغيل على وضع OFF (إيقاف التشغيل).

يتم تزويد مالك السيارة الأصلي برقم تعريف شخصي (PIN) مكون من أربعة أرقام عند شراء السيارة. احتفظ برقم التعريف الشخصي (PIN) في مكان آمن. إن الوكيل المعتمد يحتاج إلى هذا الرقم عند طلب حافظات مفاتيح بديلة. ويمكن عمل نسخ لحافظات المفاتيح لدى وكيل معتمد فقط. يتكون هذا الإجراء من برمجة حافظة مفاتيح جديدة مع إلكترونيات السيارة. وحافظة المفاتيح الجديدة هي تلك التي لم تتم برمجتها مسبقًا.

ملاحظة: تظل مفاتيح النوافذ العاملة بالطاقة والراديو والسقف المتحرك العامل بالطاقة (إذا كانت السيارة مزودة بذلك) ومآخذ الطاقة نشطة لمدة تصل إلى 10 دقائق بعد إدارة مفتاح التشغيل إلى وضع OFF (إيقاف التشغيل). يؤدي فتح أي من الأبواب الأمامية إلى إلغاء هذه الميزة. يعتبر وقت هذه الميزة قابلاً للبرمجة. راجع "إعدادات نظام ®Uconnect" في "فهم لوحة أجهزة القياس" لمزيد من المعلومات.

تحذير!

- عند مغادرة السيارة، قم دائمًا بإخراج حافظة المفاتيح من السيارة وقم بقفل السيارة.
- لا تترك أبدًا الأطفال بمفردهم في السيارة أو تسمح لهم بالاقتراب من سيارة غير مقفلة.
- يعد ترك الأطفال في السيارة من دون مراقبة أمرًا خطرًا لأسباب عديدة. فقد يصاب الأطفال أو الآخرون بإصابات خطيرة أو مميتة. وعليه فيجب التنبيه على الأطفال بعدم لمس فرامل التوقف أو دواسة الفرامل أو محدد التروس.

(تابع)

تحذير! (تابع)

- لا تترك حافظة المفاتيح في السيارة أو بالقرب منها أو في مكان يتمكن الأطفال من الوصول إليه، ولا تترك سيارة مزودة بميزة الدخول دون مفتاح Keyless Enter-N-Go™ في وضع ACC (الملحقات) أو ON/RUN (التشغيل/الانطلاق). فباستطاعة الأطفال تشغيل النوافذ العاملة بالطاقة وأزرار التحكم الأخرى أو تحريك السيارة.
- لا تترك الأطفال أو الحيوانات داخل السيارات المتوقفة في الطقس الحار. فقد يؤدي ارتفاع درجة الحرارة بالداخل إلى حدوث إصابات خطيرة أو الوفاة.

تنبيه!

السيارة غير المقفلة عرضة للسرقة. أخرج المفتاح دائمًا من قرص التشغيل وأقفل جميع الأبواب عند مغادرة السيارة.

قفل عجلة القيادة - إذا كانت السيارة مزودة بذلك

قد تكون سيارتك مزودة بقفل إلكتروني غير فعال لعجلة القيادة. ويمنع هذا القفل توجيه السيارة أثناء وجود مفتاح التشغيل في وضع OFF (إيقاف التشغيل). تحرير قفل عجلة القيادة أثناء وجود مفتاح التشغيل في On (وضع التشغيل). إذا لم يتم تشغيل القفل لم يبدأ تشغيل السيارة، فقم بلف العجلة إلى اليسار واليمين لإلغاء تعشيق القفل.

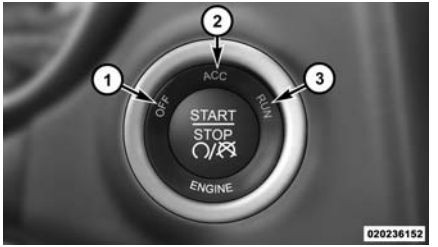
لقفل عجلة القيادة يدويًا

أثناء تشغيل المحرك، قم بلف عجلة القيادة دورة واحدة في أي من الاتجاهين، ثم أوقف تشغيل المحرك وأخرج المفتاح. ثم لف العجلة قليلاً إلى أي اتجاه حتى يتم قفلها.

لتحرير قفل عجلة القيادة

أدر مفتاح التشغيل وقم ببدء تشغيل المحرك.

ملاحظة: إذا قمت بلف العجلة إلى اليمين لإحكام قفلها، فيجب لفها إلى اليمين لفصلها أيضًا. وإذا قمت بلف العجلة إلى اليسار لإحكام قفلها، فيجب لفها إلى اليسار لقفلها.



نقطة التشغيل دون مفاتيح (نظام KIN)

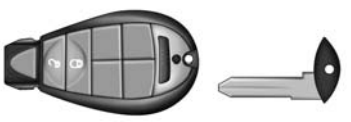
1 — OFF (إيقاف التشغيل)
2 — ACC (الملحقات)
3 — ON/RUN (التشغيل/الانطلاق)

حافظة المفاتيح - إذا كانت السيارة مزودة بذلك

تحتوي أيضًا حافظة المفاتيح على جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) ومفتاح طوارئ والذي يتم تخزينه في الجزء الخلفي من حافظة المفاتيح.

يتيح مفتاح الطوارئ الدخول إلى السيارة في حالة توقف بطارية السيارة أو حافظة المفاتيح عن العمل بسبب الشحن. يمكنك الاحتفاظ بمفتاح الطوارئ معك لركن السيارة بواسطة الخادم.

لإخراج مفتاح الطوارئ، حرك المزلاج الميكانيكي الموجود بالجزء الأمامي من حافظة المفاتيح إلى الجانب بإبهامك، ثم اسحب المفتاح إلى الخارج بيدك الأخرى.



إخراج مفتاح الطوارئ (نظام IGNM)

إخراج مفتاح الطوارئ (نظام KIN)

ملاحظة: يمكنك إدخال مفتاح الطوارئ مزدوج الوجه في أسطوانات القفل بحيث يتجه أي وجه إلى الأعلى.

رسالة تشغيل الملحقات أو مفتاح التشغيل

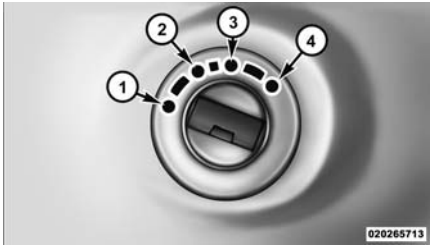
عند فتح باب السائق عندما يكون مفتاح التشغيل في وضع ACC (الملحقات) أو ON (التشغيل) (المحرك قيد الإيقاف)، ستسمع صوت صافرة لتذكيرك بوضع مفتاح التشغيل في وضع OFF (إيقاف التشغيل). بالإضافة إلى صوت الصافرة، ستظهر رسالة تشغيل الملحقات أو مفتاح التشغيل في لوحة مجموعة أجهزة القياس.

كلمة عن مفاتيحك

تستخدم سيارتك إما نظام مفتاح بدء التشغيل أو نظام تشغيل دون مفاتيح. يتألف نظام مفتاح بدء التشغيل من إما حافظة مفاتيح مزودة بجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) أو وحدة نقطة التشغيل (IGNM). ويتكون نظام فتح الأبواب دون مفاتيح من حافظة مفاتيح مزودة بجهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) ونقطة تشغيل دون مفاتيح (KIN).

وحدة نقطة التشغيل (IGNM) — إذا كانت السيارة مزودة بذلك

تعمل وحدة نقطة التشغيل (IGNM) بشكل مشابه لمفتاح التشغيل العادي. فهي تحتوي على أربعة أوضاع تشغيل؛ ثلاث بحواجز وواحد ينطلق زنبركيًا. أوضاع الحابسة هي OFF (إيقاف التشغيل) وACC (الملحقات) و ON/RUN (التشغيل/الانطلاق). ويعتبر وضع START (بدء التشغيل) وضع تلامس لحظي مزود بنابض. عند تحرير المفتاح من وضع START (بدء التشغيل)، يعود المفتاح أوتوماتيكيًا إلى وضع ON/RUN (التشغيل/الانطلاق).



وحدة نقطة التشغيل (IGNM)

1 — OFF (إيقاف التشغيل)
2 — ACC (الملحقات)
3 — ON/RUN (التشغيل/الانطلاق)
4 — START (بدء التشغيل)

نقطة التشغيل دون مفاتيح (KIN)

تتيح هذه الميزة للسائق تشغيل مفتاح التشغيل بضغطة زر طالما كان جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) في مقصورة الركاب.

تضم نقطة التشغيل دون مفاتيح (نظام KIN) أربعة أوضاع، ثلاثة منها لها تسميات تضيء عندما تكون في أي وضع منها. والأوضاع الثلاثة هي: OFF (إيقاف التشغيل) وACC (الملحقات) وON/RUN (التشغيل/الانطلاق). الوضع الرابع هو START (بدء التشغيل). أثناء بدء التشغيل، يضيء RUN (الانطلاق).

ملاحظة: في حالة عدم تغير مفتاح التشغيل بضغطة زر، قد تكون بطارية جهاز إرسال نظام فتح الأبواب عن بُعد دون مفاتيح (RKE) (حافظة المفاتيح) منخفضة الشحن أو فارغة تمامًا. وفي هذا الموقف، يمكن استخدام طريقة بديلة لتشغيل مفتاح التشغيل. ضع الجانب الناتئ (الجانب المواجه لمفتاح الطوارئ) من حافظة المفاتيح في مقابل زر ENGINE START/STOP (بدء تشغيل/إيقاف المحرك) واضغط لتشغيل مفتاح التشغيل.

- أنظمة تثبيت الأطفال ٥٤
- نقل الحيوانات الأليفة ٦٨
- توصيات عن تليين المحرك الجديد ٦٨
- إرشادات السلامة ٦٩
- نقل الركاب ٦٩
- غاز العادم ٦٩
- فحوص السلامة التي يجب إجراؤها داخل السيارة ٧٠
- فحوص السلامة الدورية التي يجب إجراؤها خارج السيارة ٧١

- نظام الإضاءة عند دخول السيارة ١٨
- فتح الأبواب عن بُعد دون مفاتيح (RKE) ١٨
  - لإلغاء قفل الأبواب وباب المؤخرة ١٩
  - لقفل الأبواب وباب المؤخرة ١٩
  - برمجة أجهزة إرسال إضافية ٢٠
  - استبدال بطاريات جهاز الإرسال ٢٠
  - معلومات عامة ٢١
- أقفال الأبواب ٢١
  - أقفال الأبواب اليدوية ٢١
  - أقفال الأبواب العاملة بالطاقة ٢٢
  - نظام قفل الأبواب لحماية الأطفال - الأبواب الخلفية ٢٣
- ميزة الدخول دون مفتاح KEYLESS ENTER-N-GO™ ٢٤
- النوافذ ٢٧
  - النوافذ العاملة بالطاقة ٢٧
  - اهتزاز السيارة بسبب هبوب الرياح ٢٩
- باب المؤخرة ٣٠
  - باب المؤخرة العامل بالطاقة - إذا كانت السيارة مزودة بذلك ٣١
- أنظمة تثبيت الركاب ٣٢
  - احتياطات السلامة الهامة ٣٢
  - أنظمة أحزمة الأمان ٣٣
  - نظام التثبيت الإضافي (SRS) ٣٩

٢

ما يجب أن تعرفه قبل تشغيل سيارتك

- كلمة عن مفاتيحك ١٢
  - وحدة نقطة التشغيل (IGNM) — إذا كانت السيارة مزودة بذلك ١٢
  - نقطة التشغيل دون مفاتيح (KIN) ١٢
  - حافظة المفاتيح - إذا كانت السيارة مزودة بذلك ١٣
  - رسالة تشغيل الملحقات أو مفتاح التشغيل ١٣
- قفل عجلة القيادة - إذا كانت السيارة مزودة بذلك ١٤
  - لقفل عجلة القيادة يدويًا ١٤
  - لتحرير قفل عجلة القيادة ١٤
- نظام ®SENTRY KEY ١٥
  - مفاتيح بديلة ١٥
  - برمجة مفاتيح العملاء ١٦
  - معلومات عامة ١٦
- نظام إنذار أمان السيارة - إذا كانت السيارة مزودة بذلك ١٦
  - لتنشيط النظام ١٦
  - لإلغاء تنشيط النظام ١٧
  - تجاوز نظام الأمان يدويًا ١٨

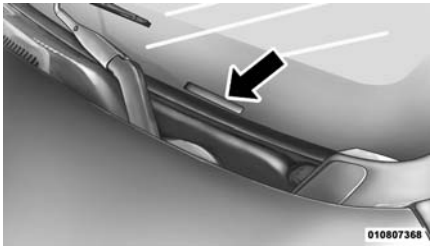
تحذيرات وتنبيهات

يحتوي دليل المالك هذا على **تحذيرات** من إجراءات التشغيل التي قد تؤدي إلى حدوث تصادم أو حدوث إصابات بدنية. كما يحتوي على **تنبيهات** للاحتراس من بعض الإجراءات التي قد تتسبب في تلف سيارتك. وقد تفوتك معلومات هامة إذا لم تقم بقراءة دليل المالك بأكمله. ومن الضروري مراعاة جميع التحذيرات والتنبيهات.

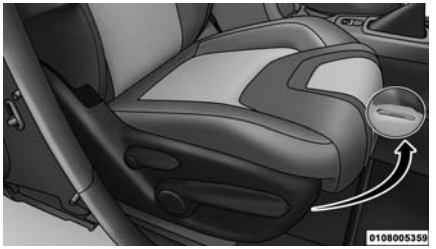
رقم تعريف السيارة

يوجد رقم تعريف السيارة (VIN) على الركن الأمامي الأيسر من لوحة أجهزة القياس. ويمكن رؤية رقم تعريف السيارة (VIN) من خارج السيارة عبر الزجاج الأمامي. رقم تعريف السيارة (VIN) محفور أيضًا على الهيكل الأيمن الأمامي، خلف المقعد الأمامي الأيمن. مع وجود المقعد في الوضع الخلفي تقريبًا، يمكن قطع الغطاء الموجود في السجادة ورفعه للكشف عن رقم تعريف السيارة (VIN). كما يظهر أيضًا على ملصق بيانات السيارة الموجود على إحدى نوافذ السيارة، بجانب أرقام التسجيل والملكية.

رقم تعريف السيارة (VIN) محفور أيضًا على إما الجانب الأيمن أو الأيسر من كتلة المحرك.



رقم تعريف السيارة



موقع رقم تعريف السيارة (VIN) على الهيكل الأمامي الأيمن

ملاحظة: تعد إزالة رقم تعريف السيارة (VIN) أو إجراء أي تعديل عليه إجراءً غير قانوني.

تعديلات/تغييرات السيارة

تحذير!

إن إدخال أي تعديلات أو تغييرات على السيارة قد يؤثر بصورة كبيرة على إمكانية قيادة السيارة وسلامتها وقد يؤدي إلى حدوث تصادم يسفر عن إصابات خطيرة أو الوفاة.

ESP
BAS
برنامج الاستقرار الالكتروني
/ نظام مساعد الفرامل
BRAKE
قرامل التوقف الخاصة بتحذير نظام الفرامل
AWD!
الدفع بكافة العجلات
(ABS)
تعمل نظام الفرامل المانعة للانغلاق
4WD!
BRAKE
قرامل التوقف الخاصة بتحذير نظام الفرامل
الدفع الرباعي
TOW/
HAUL
الجر / السحب
تحذير
4
LOW
الدفع الرباعي المنخفض
خطر
A/C
PUSH
مكيف الهواء
OFF
إيقاف نظام التحكم في الاستقرار الالكتروني
راجع دليل المالك ISO
UCONNECT™
زر مزيلة الهاتف
(LATCH)
المثبتات السلكية للتحكم والمطول لنظام تثبيت الأطفال
الوثاقة
مقبض تحرير في حالات الطوارئ
تحرير صندوق الأمتعة / أغطية الحقيبة
تكييف الهواء
حلقة تثبيت لمربط معقد الطفل
زر التعرف على الصوت
التحكم الإلكتروني في صمام الاختناق
مروحة التهوية
قفل الثقاة
مزيل الصقيع ومنظف الهواء السفلي
تحرير باب الموخرة وفتح باب الموخرة
مصباح الضباب الخلفي
إشاعة لوحة أجهزة القياس
الباب المنزلق
حزام الأمان
مزيل ضباب الزجاج الأمامي
الزجاج الأمامي المسخن كهربيا
مزيل سقوع الثقاة الخلفية
المراة المسخنة
شحن البطارية
زيت المحرك
أضواء التوقف
شوء السقف
مصباح الضباب الأمامي
تحرير غطاء المحرك
منفذ الهواء السفلي
إعادة تدوير الهواء
خفض التوقاة ك 4 الفئية للعلى
نظام التحكم في الاستقرار الالكتروني
قفل الباب
الدواسات القابلة للتعديل
المفتاح الإلكتروني للتحكم في السرعة
مراقبة ضغط الإطارات
رفع زجاج النقاة
ارتفاع درجة حرارة المقاعد السفلية
منفذ الهواء العلوي
تنشيط المفتاح (مفتاح الطاقة)
إشارات الانحطاف
الضوء العلى
الضوء المنخفض
مفتاح الإضاءة الرئيسية
فاصلة الزجاج الأمامي
مسح المقطع لمساحة الزجاج الأمامي
مسح المقطع لمساحة الثقاة الخلفية
فاصلة الثقاة الخلفية
مسلور سلان فاصلة الزجاج الأمامي منخفض
الجانب الموجود به فتحة تعبئة الوقود
الوقود
وجود ماء في الوقود
مساحة الثقاة الخلفية
خلل بالتنبية الخارجية

010533317

ملاحظة: تأكد من قراءة دليل المالك قبل قيادة السيارة وقبل إضافة أو تركيب أي قطع غيار أو ملحقات أو إدخال أية تعديلات أخرى على هذه السيارة.

نظرًا إلى تعدد قطع الغيار والملحقات المصنعة من قِبل شركات مختلفة، ليس باستطاعة الجهة المصنعة التأكد من عدم تأثر سلامة قيادة سيارتك إذا قمت باستخدام أو تركيب قطع الغيار هذه. وحتى إذا تم ترخيص هذه القطع بطريقة رسمية (وذلك، على سبيل المثال، بالحصول على رخصة عامة عند تصنيع القطع أو بتصميم موافق عليه بصورة رسمية) أو بإصدار رخصة تشغيل شخصية للسيارة بعد إضافة أو تركيب مثل هذه القطع، ليس بالإمكان الافتراض ضمنًا عدم تأثر سلامة قيادة السيارة. ولهذا السبب لا يتحمل الخبراء الفنيون ولا الوكالات الرسمية أية مسؤولية عن ذلك. وتتحمل الجهة المصنعة المسؤولية فقط عن قطع الغيار المرخصة صراحة والمُوصى بها من قِبلها والتي يتم إضافتها أو تركيبها من قِبل الوكيل المعتمد. وينطبق نفس الشيء عند إجراء تعديلات بعد ذلك على الحالة الأصلية للسيارات التي تنتجها الجهة المصنعة.

لا تشمل الضمانات أي قطعة لم يتم تزويدها من قِبل الجهة المصنعة. ولا تشمل تكلفة أي تصليحات أو تعديلات قد تُجرى أو تلزم نتيجة استخدام أو تركيب هذه القطع أو الأجزاء أو المعدات أو المواد أو المواد المضافة التي لم يتم تزويدها قِبل الجهة المصنعة. ولا يشمل الضمان تكلفة إصلاح الأضرار أو الحالات الناجمة عن أي تغييرات يتم إدخالها على سيارتك ولا تتوافق مع مواصفات الجهات المصنعة.

ويقوم الوكيل المعتمد بتوفير قطع غيار ®MOPAR الأصلية والملحقات وغيرها من المنتجات المعتمدة من الجهة المصنعة، إضافة إلى المشورة التي تتسم بالخبرة.

عندما يتعلق الأمر بالصيانة تذكر دائمًا أن لدى الوكيل المعتمد خبرة واسعة بسيارتك وفنيون مدربون بالمصنع وقطع غيار ®MOPAR الأصلية، وأنه على أتم استعداد لتلبية طلباتك.

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كيفية استخدام هذا الدليل

راجع جدول المحتويات لمعرفة الجزء الذي يحتوي على المعلومات التي ترغب في الاطلاع عليها.

وحيث إن مواصفات سيارتك تتوقف على بنود الأجهزة المطلوبة، فقد تختلف بعض الأوصاف والأشكال التوضيحية عن أجهزة سيارتك.

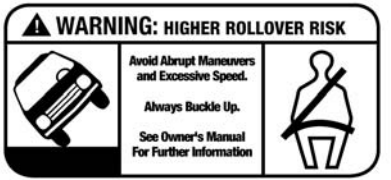
ويحتوي الفهرس المفصل في الصفحات الأخيرة من دليل المالك هذا على قائمة كاملة بجميع المواضيع التي تم شرحها بالدليل.

راجع الجدول التالي لمعرفة معاني الرموز التي قد تستعمل في سيارتك أو في صفحات دليل المالك هذا:

تحذير من انقلاب السيارة

تتميز سيارات الخدمة بمعدلات انقلاب عند الحوادث أعلى بكثير من الأنواع الأخرى من السيارات. تتميز هذه السيارة بأن لها مساحة خلوص أرضي ومركز ثقل أعلى من العديد من سيارات الركاب. وهذه السيارة بمقدورها الأداء بشكل أفضل عند قيادتها على أنواع عديدة من الطرق الوعرة. إن جميع السيارات معرضة لفقدان السيطرة عليها عند قيادتها بصورة غير آمنة. ونظرًا لارتفاع مركز ثقل هذا النوع من السيارات عن السيارات الأخرى، فإنها إذا خرجت عن نطاق السيطرة، فقد تتعرض للانقلاب في حين أن بعض السيارات الأخرى قد لا تتعرض لذلك.

لا تحاول الانعطاف بشكل حاد أو القيام بمناورات مفاجئة أو القيام بأية إجراءات قيادة غير آمنة تتسبب في فقدان السيطرة على السيارة. يؤدي عدم تشغيل هذه السيارة بأمان إلى حدوث تصادم أو انقلاب السيارة وحدوث إصابات خطيرة أو الوفاة. عليك بقيادة السيارة بحرص.



80bfe0f0

ملصق التحذير من انقلاب السيارة

إن عدم استخدام حزامي السائق والراكب المزودين هو سبب رئيسي للإصابات الخطيرة أو المؤدية للموت. في حالة انقلاب السيارة يصبح الراكب الذي لا يرتدي حزام الأمان أكثر عرضة للوفاة من الراكب الذي يرتديه. اربط حزام الأمان دائمًا.

ملاحظة هامة

تستند كل محتويات هذه المطبوعة إلى آخر المعلومات المتوفرة عند الحصول على الموافقة على النشر. ويُحتفظ بحق نشر أية إضافات أو تعديلات في أي وقت.

تم إعداد دليل المالك بمساعدة متخصصين في الصيانة ومهندسين لتعريفك بكيفية تشغيل هذه السيارة وصيانتها. وملحق بهذا الدليل كتيب عن معلومات الضمان والعديد من الوثائق الموجهة للعملاء. من الضروري قراءة هذه المطبوعات بدقة. إن اتباع التعليمات والإرشادات الموجودة في دليل المالك ستساعدك على ضمان السلامة والتشغيل المريح لسيارتك.

بعد قراءتك لدليل المالك ينبغي أن تحتفظ به في السيارة كمرجع مفيد، كما ينبغي أن يلازم السيارة عند بيعها إلى شخص آخر.

وتحتفظ الجهة المصنعة بحق تغيير التصميمات والمواصفات و/أو إدخال الإضافات أو التعديلات على منتجاتها دون الالتزام بتركيبها على منتجات تم تصنيعها مسبقًا.

ويتضمن دليل المالك هذا شرحًا ووصفًا لميزات ثابتة أو ميزات اختيارية يتم توفيرها بسعر إضافي. لذلك قد لا يتوفر كل ما هو موجود في هذا الدليل من معدات أو ملحقات في سيارتك.

مقدمة

تهانينا على اختيار سيارتك الجديدة من شركة Chrysler Group LLC. وكن واثقًا بأن هذه السيارة تمثل الدقة في الصنع والتصميم المميز والجودة العالية - وكل الضروريات التي تتميز بها سياراتنا.

هذه السيارة للخدمة الخاصة. حيث يمكنها السير في أماكن وإنجاز مهام لا يمكن لسيارات الركاب التقليدية القيام بها. إن التعامل مع هذه السيارة والمناورة بها يختلف عن العديد من سيارات الركاب عند القيادة على كل من الطرق الممهدة والطرق الوعرة، لذا يجب عليك أخذ الوقت الكافي للتعرف على سيارتك.

وقد تم تصميم الإصدار ثنائي الدفع من هذه السيارة للاستخدام على الطرق الممهدة فقط. وهي ليست مصممة للقيادة على الطرق الوعرة أو الاستخدام في الظروف الشاقة الملائمة للسيارات رباعية الدفع.

قبل أن تبدأ قيادة هذه السيارة، اقرأ دليل المالك وجميع الملحقات. تأكد من معرفة جميع مفاتيح التحكم بالسيارة، وخاصة تلك التي تتعلق بالفرامل وعجلة القيادة وناقل الحركة ونقل التروس وحدة نقل الطاقة. وتعلم كيف تتعامل سيارتك على أسطح الطرق المختلفة. وستتحسن مهاراتك في قيادة السيارة بالخبرة، ومع ذلك يجب أن تُيسر على نفسك عند البدء في قيادة أي سيارة. عند القيادة في الطرق الوعرة أو تشغيل السيارة في أعمال، لا تقم بتحميلها بشكل زائد أو تتوقع تغلبها على قوى الطبيعة. ينبغي دومًا مراعاة القوانين المحلية عند قيادة أية سيارة.

وقد يؤدي عدم تشغيل هذه السيارة بصورة صحيحة، كما هو الحال بالنسبة للسيارات الأخرى من نفس النوع، إلى فقدان السيطرة عليها أو حدوث تصادم. تأكد من قراءة "إرشادات القيادة على الطرق الممهدة/الوعرة" في قسم "البدء والتشغيل" للحصول على مزيد من المعلومات.

ملاحظة: بعد مراجعة معلومات دليل المالك، ينبغي أن تحفظه في السيارة كمرجع مفيد، كما ينبغي أن يلازم السيارة عند بيعها إلى شخص آخر.

وقد يؤدي عدم تشغيل هذه السيارة بطريقة صحيحة إلى فقدان السيطرة عليها أو حدوث تصادم.

كما قد يؤدي قيادة هذه السيارة بسرعة عالية إلى فقدان السيطرة أو الاصطدام بسيارات أخرى أو بحواجز أو بالخروج عن الطريق أو انقلابها، مما قد يسبب إصابات خطيرة أو الوفاة. أيضًا، عدم استخدام حزام الأمان يعرض السائق نفسه والركاب إلى مخاطر كبيرة كالإصابة أو الوفاة.

للمحافظة على تشغيل سيارتك بأفضل أداء، من الضروري توفير خدمات الصيانة لها في الفترات المُوصى بها من قِبل الوكيل المعتمد الذي يوجد لديه أفراد مؤهلون وأدوات خاصة ومعدات لأداء جميع أعمال الصيانة.

وتهتم الجهة المصنعة وموزعوها بتقديم كل ما هو ضروري لإرضائك بشكل تام فيما يتعلق بهذه السيارة. وعند مواجهة أية مشاكل بخصوص خدمات الصيانة أو الضمان والتي لم يتم حلها بشكل مُرضي، عليك مناقشة الأمر مع الوكيل المعتمد أو إدارة الموزع.

ويسر الوكيل المعتمد أو الموزع المعتمد الإجابة على أية أسئلة تتعلق بسيارتك.

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شهادة تسجيل السيارة

ختم الوكيل

توقيع الوكيل _____

رقم تعريف السيارة (VIN) | | | | | | | | | | | | | | | | |

نوع السيارة _____

الموديل _____

تاريخ التسجيل اليوم | | الشهر | | السنة | | | |

رقم التسجيل أو رقم الإجازة _____

_____

اسم المالك: _____

عنوان المالك: _____

_____

_____

_____

_____

رقم الهاتف:

المنزل _____

العمل _____

لقد زودت المالك بالأشياء المدرجة أدناه وشرحت له ما يلي:

☐ دليل المالك (كتيب السيارة)

☐ السيارة

☐ فحص السيارة قبل تسليمها

توقيع المالك _____

توقيع الوكيل _____

Jeep®

٢٠١٥ Cherokee

معلومات التشغيل

15KL-126-ARA-AA